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DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

VOLUME XV

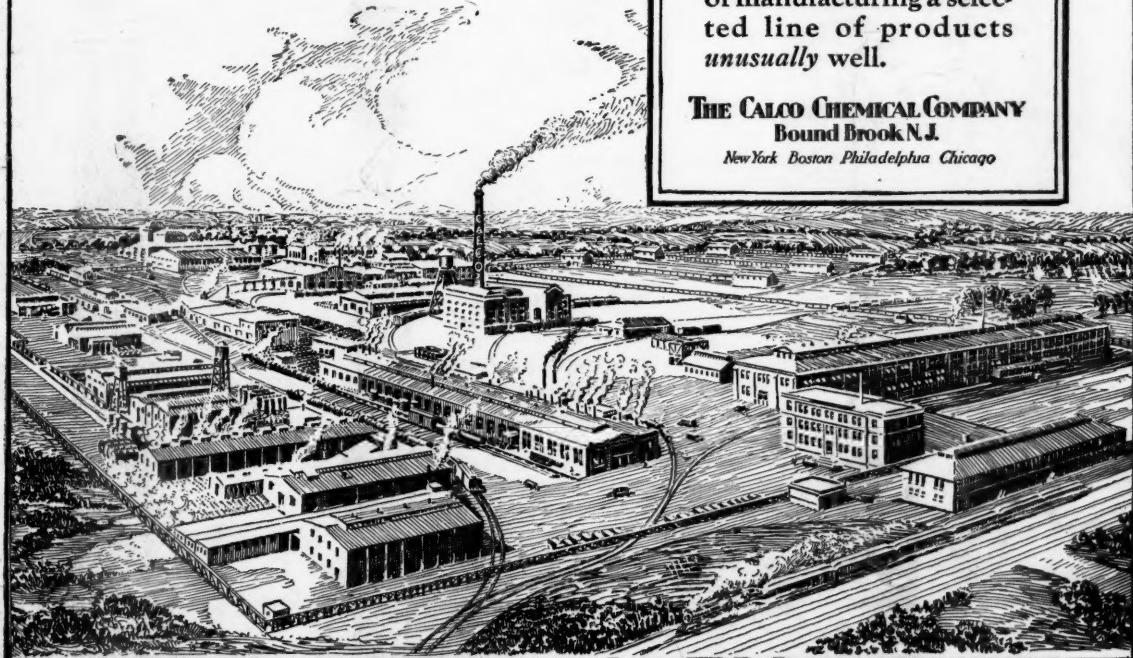
NEW YORK, SEPTEMBER 24, 1924

No. 13

DYESTUFFS

INTERMEDIATES

PHARMACEUTICALS



Calco

A Single Purpose—

Millions of dollars invested in plant and equipment; the services of large numbers of highly trained men; every facility directed toward one end—the single purpose of manufacturing a selected line of products unusually well.

THE CALCO CHEMICAL COMPANY
Bound Brook N.J.

New York Boston Philadelphia Chicago

In This Issue { Dye Imports From New Makers
N. W. D. A. Tackles Prohibition

Just Coumarin or Coumarin-Monsanto?

(THE ORIGINAL
AMERICAN COUMARIN)

Are You Buying Just Coumarin
or Are You Getting the Best?

COUMARIN-Monsanto is not an overnight development. As America's original manufacturers of Coumarin, Monsanto—whose experience over the past ten years, coupled with constant research and plant improvement—has developed a product whose delicate aroma and true flavor are unsurpassed!

We make this statement with an intimate knowledge acquired by close examination of products offered by the American and European markets.

Specify COUMARIN-Monsanto, the original American Coumarin, and secure the best.

Monsanto Chemical Works
ST. LOUIS, U.S.A.

NEW YORK CHICAGO

ANILLIN - Monsanto COUMARIN - Monsanto
METHYL SALICYLATE

MONSANTO





An Active Corner
of the Dow Works



Ingredients of Industrial Activity

Dow chemicals have been aptly described by one of our customers as ingredients of industrial activity. We like to think of them that way for the character of a good product is often determined by the quality of ingredients used.

The fact that Dow chemicals enter into so many of the fine products of pharmaceutical, textile, rubber and leather industries is a challenge to us to maintain or improve the standards which first caused their selection.

Other industries in a wide variety have found Dow products useful and de-

pendable both as ingredients and as active aids in manufacturing processes.

We invite correspondence from Industrial and Pharmaceutical organizations regarding the use of chemicals in their own business. Our research department is available for co-operative investigation. Our packing, shipping and general business activities are organized to meet the peculiar processes, standards and production schedules of the large industries we have the privilege of serving.

Let us quote on your requirements.

THE DOW CHEMICAL COMPANY, MIDLAND, MICH., U. S. A.

Branch Sales Offices: 90 West Street, New York City --- --- Second and Madison Streets, Saint Louis

"NATIONAL" MEDICINAL PRODUCTS



Methylene Blue U.S.P.

Conforming in every particular to
the requirements of the
Pharmacopeia

Scarlet Red (Extra) Medicinal

Pure—Low Ash Content—High melting point

Acriflavine (National)

Neutral Acriflavine (National)

Proflavine (National)

Licensed by the Chemical Foundation, Inc.

REAGENTS

Special

Absolute Pure Methyl Alcohol

Acetone Free

Special Absolute Pure Toluene

Special Absolute Pure Xylene



Pharmaceutical Division

NATIONAL ANILINE & CHEMICAL CO.

Incorporated

40 RECTOR STREET, NEW YORK, N. Y.

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VOLUME XV

No. 13

The Week in Brief

News

The National Wholesale Druggists' Association denounced the Cramton Bill, which would make the Prohibition Unit an independent bureau, during the Golden Jubilee Convention at Atlantic City.

Chile's imports of medicinals and crude drugs amount to 2,253,000 gold pesos annually, including morphine and salts, quinine and strychnine.

Owing to amalgamation of dye manufacturing companies in England and France, the Chemical Division, Department of Commerce, has issued a new list in connection with the monthly import statistics.

Markets

Industrial chemicals have been moving in better volume and a better feeling exists in the trade. Prices are inclined to be firmer in the majority of products. Imported barium chloride is firmer. Caustic potash is strong. Prussiates are unsettled.

Demand for dyes has been quiet owing to quiet textile conditions and expectations of price adjustments when the lower tariff goes into effect. Intermediates are in fair demand. Benzol tendency upward owing to supply and demand.

Linseed oil is easier with lower prices for spot oil. Chinawood oil continues strong owing to war activities in China. Soap making oils have been in excellent demand. Turpentine is easier after the recent rise in price. Rosins are firm.

Fine chemicals are in active demand. Imported bromides are higher, and little is offered for shipment. Cod liver oil is steady. Strychnine and quinine are active. Formaldehyde is higher.

Essential oils show strength in a number of items. Oil peppermint is firm and active. Oil cassia is becoming scarcer. Oil wormseed is higher. Oil cedar wood, spearmint, lemon, and lavender are firm.

Crude drugs present little change. Cascara sagrada is firmer on the Coast, and best price now is 12c lb. f.a.s. Dandelion root is cheaper for shipment. Imports of caraway seed continue heavy.

MATHIESON Chemicals

Commonwealth Chemical Corporation

COUMARIN



The rich fragrance of our Coumarin is due to its absolute freedom from chemical by-odors. Its proper use will not impair even the most delicate of perfumes and flavoring extracts.

Discriminating buyers need only send for a sample of our product to be convinced.

The MATHIESON ALKALI WORKS Inc.
25 WEST 43rd STREET NEW YORK CITY

Deal Direct with the Manufacturer

Bicarbonate of Soda
Liquid Chlorine-Caustic Soda



Sesquicarbonate of Soda
Bleaching Powder-Soda Ash

[SEPTEMBER 24, 1924]

BENZOIC ACID U. S. P.

CHLORINE FREE

SODA BENZOATE U. S. P.

(Stocks Carried)

DENATURED
ALCOHOL

(All formulas)

ACETATE of LIME

ACETONE C. P.

METHANOL

(All Grades)

ACETONE

(Methyl)

PHENOL

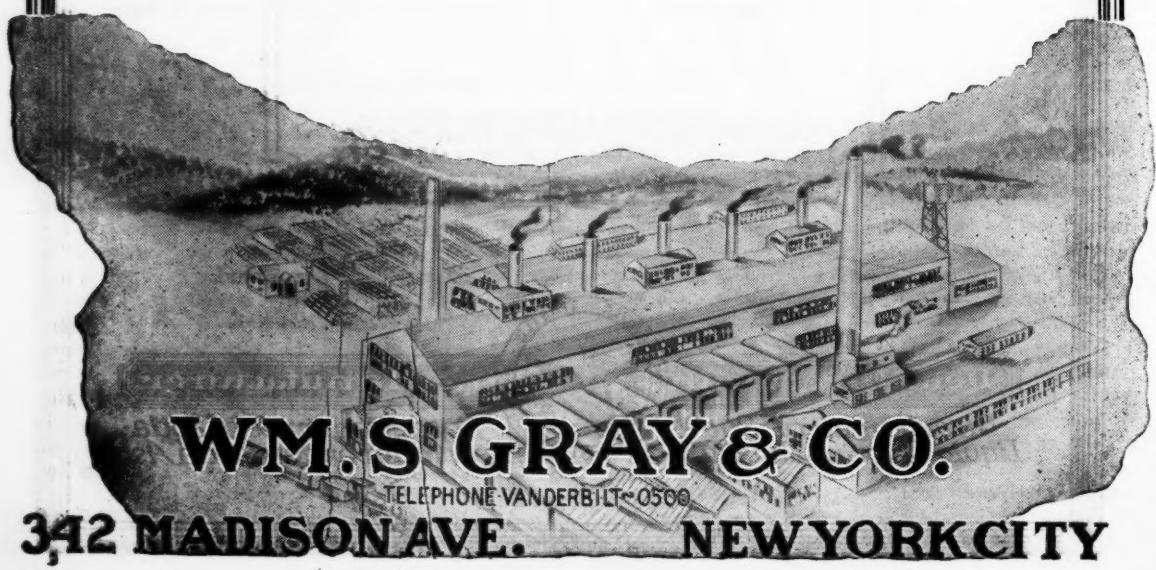
HEXAMETHYLENE
TETRAMINE

PARA
FORMALDEHYDE
FORMALDEHYDE

TURPENTINE
(Pure Gum Spirits)

MAGNESIA

WHITING



WM. S. GRAY & CO.

TELEPHONE VANDERBILT 0500

342 MADISON AVE.

NEW YORK CITY

DRUG & CHEMICAL MARKETS

VOLUME XV

NEW YORK, SEPTEMBER 24, 1924

No. 13

ELIMINATE THE RETURNABLE PACKAGE?

If there is one thorn in the side of the chemical and drug trades which is everlasting and persistently making its presence felt, it is the returnable container question. Reams have been written and days have been spent in discussing it. Innumerable plans have been advanced for solving the problem, and codes for trade practice have been drawn up. All has been in vain, however, for in the heat of competition, codes, plans, rules, and everything else are forgotten as sellers strive to please their customers to prevent them from going elsewhere for raw materials. Like the many headed dragons of mythology, one head is no sooner cut off than another bobs up to take its place.

Both buyers and sellers are victims of present day container troubles, and offenders as well. Neither group has any monopoly on the troubles, although unquestionably a greater number of buyers, simply because they are buyers, take advantage of loop-holes than do sellers. Were conditions the other way around, very probably the sellers would do the same thing. Broken, battered, and rusty drums, many of which have spent anywhere from six months to a year in the open, are too commonly returned for credit, and when full credit is denied, threats to sever business relations frequently follow. Chipped carboys, bottles, and demijohns are sent back in hundreds of cases in expectation of full credit as billed, and for fear that his competitors are giving full credit and that he may lose future business if he does not, the seller allows the maximum. Then, on the other hand, there are sellers who receive back containers in good condition, and which were paid for in ten or thirty days, and fail to issue credit memoranda or to reimburse the original buyer until three, four, and sometimes six months have passed. All are offenders, buyers and sellers alike, against the code of good business. Just so long as the spirit of "put one over" plays a part in the returnable container situation, and it does to-day to a big extent, just so long will any code, no matter how complete, remain inoperative.

With conditions as they face the chemical, essential oil, fatty oil, and allied trades at present, only one solution of the whole problem seems likely to succeed. That is to treat every package, except perhaps a few, of the type of chlorine cylinders, as non-returnable. Under these conditions, there would be no opportunity for abuses. The containers would be a part of the goods and would be purchased outright by the buyer to resell when he finished with them, when, where, and at what price he cared to charge. The seller, in this case, could

in turn purchase new or second hand drums, when, where, and as he needed them. Although this is merely one view of a big problem, it appears to be the only view which is compatible with the ever increasing abuses on both sides under the present method of returning containers for credit. Although the complete elimination of returnable containers may seem unnecessarily harsh, what other system can define the exact status of a returned package without a lot of ifs, buts, and conditions?

N. W. D. A. ON THE ALCOHOL ISSUE

The issues discussed by the National Wholesale Druggists Association at the Atlantic City meeting, this week, are national in scope and vital not only to the interests of the drug and chemical industries but also to the consuming public who are dependent upon a just administration of the law regarding industrial alcohol for many household products and for the quality of the medicinals prescribed for the afflicted.

President Moxley pointed out in his address that the Cramton bill is a menace because it transfers from the conservative and business-like and experienced collectors of internal revenue to the Prohibition Unit and its group of inexperienced assistants, often fanatically inclined, and frequently influenced by the whims of politics, the control and administration of the rules and regulations relating to alcohol for pharmaceutical manufacturers and for pharmacists who must be ready at all times to meet the call of physicians for special preparations. The bill proposes to convert the Prohibition Unit into an independent bureau responsible only to the Secretary of the Treasury, well described by President Moxley as "the busiest man in Washington," with no time to assume the burden of detail heretofore carried by the Commissioner of Internal Revenue.

The tendency of the Prohibition Commissioner to deprive the industries of alcohol needed for the proper preparation of medicinals is shown in the attempt recently made by the Prohibition Commissioner to require manufacturers to make it a condition of sale of their products to wholesalers that the wholesaler, whether a permit holder or not, shall agree to make such reports and submit to such inspection as the enforcement officers may demand. Refusal or failure on the part of the wholesalers to meet the requirements of the manufacturer to keep records would result in citation of the manufacturer for revocation of his permit. Such regulation is not authorized by the Volstead Act and is purely arbitrary.

In open forum the members of the N.W.D.A.

expressed their views on the questions discussed in emphatic language that cannot be misunderstood by Prohibition officials, and should result in the defeat of the Cramton bill when it comes up for action at the next session of Congress.

CROOKS AND CREDIT

Most of the essential oil houses, and a few chemical and drug firms, in New York, recently have been victimized by one of the oldest games known to credit men the country over. An ordinary swindler, so the story goes, established a cosmetic manufacturing business. He bought many small and medium lots of essential oils, alcohol, chemicals and drugs, and discounted his bills. He bought one or two large lots from a couple of the strongest and largest houses and paid promptly. All credit references, he referred to these houses where his reputation was good. Within two months, he had built up a reputation through the trade for integrity and prompt pay. With the stage set, he proceeded to make his killing. Ordering large shipments simultaneously from all firms, he immediately disposed of the goods well under his cost for a quick turn-over. When payment was not forthcoming, bankruptcy proceedings were instituted and revealed practically no assets, \$20,000 in liabilities, and every evidence of fraud.

The trick is unquestionably a daring one, and requires more brains and nerve than highway robbery, but, nevertheless, it is as old as the hills and the trade never should have been taken in so completely. Unquestionably, the dull state of business and the keenness for orders, accounted to a great extent for the number of houses fooled. Just at this time, the crookedness is no more important than the punishment. A committee has been formed to press the case and is confident that it can send the offender to prison. Its success is to be earnestly desired in the interests of honest and decent American business.

Millions are stolen every year in business swindles, and thousands of firms are maimed. If a few more so-called bankruptcies were investigated, however, and a few more trade committees would ruthlessly prosecute the crooks as is being done in this case so close at home, a larger number of business swindlers would go to jail. The case in question only emphasizes several things in credit matters which should receive serious thought in the trade: first, that a crook will not hesitate to file a fraudulent financial statement, which means that all financial statements are open to some suspicion; second, that in the matter of credit, most houses are entirely too lax, especially in times of bad business; third, that it is too easy to steal money through fake bankruptcies, and too few are investigated and prosecuted; fourth, that real investigations prior to the extension of credit are cheaper than heavy losses after; fifth, that committees of the type which are prosecuting this case for the creditors, should become a permanent fixture in the chemical, drug, essential oil, and allied lines to teach business thieves that these are not healthy

trades in which to practice their calling. If the lost \$20,000 drives home these five points through the coming years, truly the money has been well spent.

Ten Years Ago

From the Sept. 23, 1914, issue of "Drug & Chemical Markets": "Not since the bonanza days in California has the price of quicksilver been higher than it is now. Just after the '14 excitement, the 'quick' rose to \$100 flask. That is the only time on record when it has surpassed the present quotations of \$75 a flask. The rise is 100 per cent, from \$37 a couple of months ago."

"We cannot make any arrangements to buy opium in Turkey; that is the chief reason why we are not getting it," said John McKesson, of McKesson & Robbins. "We cannot buy through London now, and Turkish merchants will not honor drafts on American banks. The gold must be shipped from this country to Turkey and then there are drawbacks. It requires a month for steamers to get there and by then prices may have changed."

"The United States is practically the only big country in the world that is not suffering from a governmental embargo on drugs and chemicals."

"George Lueders & Co. state that small shipments of essential oils now are being received from England, France, and even Germany by way of Holland. This concern does not expect any large amounts from France or from Germany."

"Arrivals of menthol in San Francisco last week caused this flighty product to drop about 15 cents, making the price now \$3.00 to \$3.20. The Sambi crop which usually fills in the supply at this time, is very short, but, nevertheless, shipments in bond have been made from Japan at \$2.30 and less."

"With the world relying on the American glass industry, following the paralysis of other glass making plants because of the war, big sales and shipments of soda ash have been made, and prices are minutely but surely advancing."

"Offerings of arsenic are small enough to keep prices firm, and with increasing demand, 5½c and 6c per pound is being sustained."

"Trading is dull in blue vitriol with indications that there will be a break to lower levels. Car lots command from 4¼c to 4¾c."

Sir Max Muspratt, of United Alkali Co., and former Lord Mayor of Liverpool, will make synthetically everything that nature can make, except life itself, says the "New York Times": "The fixation of nitrogen, the breaking down of atoms and the building up of synthetic substitutes to take the place of the exhausted original provisions on nature's shelves, will, as this scientist believes, be the very peril of our civilized existence unless they stir the mind and soul of man to more general intellectual effort and higher spiritual life."

Official control of German export trade is reported to have relaxed considerably since a large number of the branches of the Auszenhandelsstelle Chemie have been closed down. Among these branches are those dealing with inorganic chemicals, wood-distillation products, nitrogen products, carbide, dyestuffs, explosives, mineral colors, glue and gelatine.

Pierre S. duPont, of Wilmington, Del., will contribute a large share of the cost of the proposed new science building of Lincoln University, the college and theological school for negroes in Chester County, Pa.



Industrial Chemical SECTION

Many August Dye Imports From New Makers

**Washington Issues New Key to Manufacturers Changes
Necessitated By Amalgamation of British Companies—
Levinstein Company and British Dyes, Ltd., Eliminated Owing to Absorption By British Dyestuffs Corporation—L. L. Holliday & Co., Ltd., Takes Place of Read, Holliday & Sons—Colne Vale Co. Changes Name to Colne Vale Dye and Chemical Co.—Changes In French Companies—August Imports In Detail**

A new "Key to Abbreviations" has been issued for use in connection with imports of dyes, at the suggestion of DRUG & CHEMICAL MARKETS, owing to numerous consolidations since the original list was issued. Notable changes are the amalgamation of Levinstein, Ltd., and British Dyes, Ltd., with British Dyestuffs Corp.; the absorption of Read, Holliday & Sons, Ltd., by L. L. Holliday & Co., Ltd., and change of name by Colne Vale Chemical Co. to Colne Vale Dye and Chemical Co.

The dyes imported in August are grouped by Schultz numbers and in the case of those which could not be identified by Schultz number, the classification according to the ordinary method of application was adopted. As the pastes and powders of the vat dyes vary widely

in strength and quantity, each vat dye has been reduced—in nearly every case—to a single strength basis. The designation of "c" for competitive and "nc" for non-competitive indicates the appraisement basis for the assessment of the ad valorem duty in paragraph 28 of the Tariff Act of 1922. Those dyes without designation are doubtful, pending further investigation. The ad valorem rate for competitive dyes is based on the American selling price, as defined in subdivision (f) of section 402 of Title IV; the ad valorem rate for non-competitive dyes is based on the United States value, as defined in subdivision (d) of section 402 of Title IV of the Tariff Act of 1922. The list of dyes is prepared by the Chemical Division, Bureau of Foreign and Domestic Commerce, in collaboration with the Chemical Division of the U. S. Tariff Commission.

The imports of coal-tar dyes for August, 1924, through the Port of New York totaled 64,546 pounds, with an invoice value of \$71,290. In addition imports through other ports include 14,750 pounds with an invoice value of \$14,521 for Providence; 1,000 pounds with an invoice value of \$1,142 for Boston; and 100 pounds with a value of \$61 for Philadelphia.

1. The Six Leading German Companies	
A....Action-Gesellschaft fur Anilin-Fabrikation, Berlin, Founded 1873.	NF....Niederlandische Farben-und-Chemikaliensfabrik Delft, Delft, Netherlands. Founded 1897.
B....Badische Anilin-und-Soda Fabrik, Ludwigshafen-on-the-Rhine, Founded 1865	CN!....Compagnie Nationale des Matieres Colorantes et Produits Chimiques. Founded 1917.
By....Farbenfabriken, vormals Friedr. Bayer & Co., Leverkusen on the Rhine. Founded 1862.	P....Societe Anonyme des Matieres Colorantes et Produits Chimiques St. Denis (formerly A. Poirrier). Founded 1890.
C....Leopold Cassella & Co., Frankfort-on-the-Main. Founded 1870.	
K....Kalle & Co., A. G., Biebrich on the Rhine. Founded 1870.	
M....Farbwerke, vormals Meister Lucius & Bruning, Hochst-on-the-Main. Founded 1862.	

2. The Smaller German Companies	
BK....Leipziger Analinfabrik Beyer & Kegel, Furstenberg, near Leipzig. Founded 1882.	
CG....Chemikaliewerk Griesheim G. m. b. H., Griesheim-on-the-Main. Founded 1882.	
CJ....Carl Jager G. m. b. H., Anilinfarbenfabrik, Duesseldorf. Founded 1883.	
GrE....Chemische Fabrik Griesheim-Electron, Offenbach-on-the-Main. Founded 1842	
L....Farbwerk Mulheim, vormals A. Leonhardt & Co., Mulheim-on-the-Main. Founded 1879.	
tM....Chemische Fabriken, vormals Weiler ter Meer, Uerdingen-on-the-Rhine. Founded 1877.	
WD....Wulfing, Dahl & Co., A. G. Barmen. Founded 1842.	

3. Swiss Companies, all at Basel	
DH....Farbwerke vormals L. Durand, Hugo-en & Co., Founded 1871.	
G....Anilinfarben-und Extract-Fabriken, vormals Joh. Rud. Geigy. Founded 1764.	
I....Gesellschaft fur chemische Industrie Founded 1885.	
S....Chemische Fabrik, vormals Sandoz & Co. Founded 1887.	

4. Dutch and French Companies	
FA....Farbwerk Ammersfoort, Ammersfoort, Netherlands. Founded 1888.	

The list of dyes follows:	
Schultz No.	Dye & Maker Quantity Pounds
22 Xylene light yellow	o.307
177 Mordant yellow	500
217 Agalina black 10B	50
220 Palatine black	50
265 Sulphon cyanine black	455
273 Diaminogenc blue	841
319 Diamine scarlet	15
327 Diamine violet N	15
339 Brilliant orange G	200

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22 Xylene light yellow	o.307
177 Mordant yellow	500
217 Agalina black 10B	50
220 Palatine black	50
265 Sulphon cyanine black	455
273 Diaminogenc blue	841
319 Diamine scarlet	15
327 Diamine violet N	15
339 Brilliant orange G	200

Schultz No.	Dye & Maker Quantity Pounds
344 Diamine brown	15
348 Diphenyl brown BN	551
349 Diamine brown B	15
363 Benzopurpurine 4B	15
415 Dianil blue G	15
428 Chicago blue B	15
456 Benzo fast blue	220
459 Benzo black blue G	15
474 Oxamine green B	15
476 Benzinamine brown 3GO	110
516 Crystal violet—CN	50
541 Brilliant dianil blue 6G	220
541 Direct brilliant blue 8B—ne—I	
543 Patent blue	1,791
543 Brilliant acid blue V—e—By	
543 Patent blue V—M	
545 Patent blue A	881
552 Chromal blue	331
571 Rhodamine 6G	495
571 Rhodamine 6G extra—ne—I	
573 Rhodamine B	290
573 Rhodamine B extra—Q	
587 Eosine A—CN	58
622 Delphine blue B—ne—Q	220
644 Ultracyanine B. R.	500
659 Methylene blue	45
659 Methylene blue NB—CN	
659 Methylene blue, zinc free—CN	

[SEPTEMBER 24, 1924]

Schultz No.	Dye & Maker	Quantity Pounds
667	Indochromine	271
	Brilliant alizarin blue R—nc—By	
672	Azo carmine	340
	Azo carmine GX—B	
723	Immedial indone	880
	Immedial indogene GCL Conc—C	
759	Anthraflavone (s.s.)	1,673
	Anthra yellow GC paste—nc—B	
	Anthra yellow GC pdr.—nc—B	
	Anthraflavone GC pdr.—B	
761	Indanthrene golden orange R (s.s.)	7,068
	Indanthrene golden orange RRT paste—nc—B	
	Vat orange RRT paste—nc—B	
	Vat orange RRT paste fine—nc—B	
	Helindone golden orange IRRT paste—M	
779	Indanthrene violet RR—(s.s.)	
	Vat brilliant violet RR paste, fine —B	
778	Alizarin, synthetic	
	Alizarin red IB extra 20% paste —c—By	
780	Alizarin red	
	Alizarin red W. pdr.—By	
794	Cibanone black	
	Cibanone black 2G pdr.—I	
797	Alizarin garnet	
	Alizarin claret R 15% paste—M	
804	Alizarin blue S	
	Alizarin blue S pdr.—B	
	Alizarin blue S pdr.—nc—B	
831	Indanthrene red BN (s.s.)	
	Duranthrene red BN paste—nc—BD	
	Helindone red DIBN ex. paste—M	
	Indanthrene red BN ex. paste—nc —B	
	Indanthrene red BN ex. pdr.—B	
	Vat red RK paste—nc—B	
	Vat red RK paste fine—B	
	Vat red RK pdr.—nc—B	
832	Indanthrene violet RN (s.s.)	
	Vat violet BN paste—nc—B	
842	Indanthrene blue GCD (s.s.)	
	Vat blue GCD dbl. paste fine—B	
849	Indanthrene yellow (s.s.)	
	Helindone yellow IG dbl. paste—M	
	Indanthrene yellow G dbl. paste—B	
851	Alizarin direct blue B—M	
852	Alizarin irisol D, R, —	
	Alizarin blue JR pdr.—nc—By	
	Alizarin irisol R pdr.—By	
853	Alizarin pure blue B—	
	Alizarin sky blue B pdr.—By	
856	Alizarin astrol	
	Alizarin astrol B pdr.—nc—By	
858	Alizarin saphiroil B—	
	Alizarin light blue SE conc—S—	
	Alizarin saphiroil SE—By	
860	Cyananthrol G—	
	Alizarin direct blue BGACO—B	
862	Alizarin blue black B—	
	Alizarin blue black B pdr.—c—By	
865	Alizarin direct green G—	
	Alizarin cyanine green G ex. pdr. —c—By	
869	Algol brown R—(s.s.)	
	Vat brown R paste—nc—By	
	Vat brown R pdr.—By	
871	Indanthrene violet RN—	
	Vat red violet RRK paste fine— nc—B	
876	Indigo, white	100
	Indigosol O pdr. 100%—B	
883	Brilliant indigo B—	
	Brilliant indigo B paste 20%—B	
887	Ciba heliotrope B—(s.s.)	2,270
	Ciba heliotrope B paste—I	
	Ciba heliotrope B pdr.—nc—I	
907	Ciba scarlet	1,661
	Ciba scarlet G ex. paste—I	(661)
	Vat fast scarlet C paste—M	(1,000)
908	Ciba red R paste—	2,008
912	Ciba pink BG (s.s.)	530
	Ciba pink BG pdr.—I	
913	Helindone orange R—(s.s.)	3,600
	Hydron orange RF paste—C	
	Hydron orange RF pdr—C	
918	Helindone red 3B—	500
	Vat red 3B paste—M	
919	Ciba bordeaux B—(s.s.)	3,328
	Ciba bordeaux B pdr.—nc—I	
923	Ursol—	
	Fur gray ALA—A	

UNIDENTIFIED DYES

Acid Dyes	
Alizarin leveling	green blue B—C
Alizarin rubinol	1,610
Alizarin rubinol GW—nc—By	
Alizarin rubinol 3G—nc—By	
Alizarin rubine R pdr.—nc—By	
Alizerin rubinol R pdr.—nc—By	
Azo wool violet 7R—C	25
Cloth fast yellow G—I	110
Eosin N.D.A.—CN	10
Onis (Anthosine) 3B—B	250
Radio brown B—C	5
Radius red VB—C	25
Sulphon yellow R—c—By	201
Wool fast blue BL—nc—By	496

Vat Dyes

Grelanone brown RR paste—GrE	
Grelanone violet BR paste—GrE	
Helindone printing black RD paste—M	
Helindone pink B ex. paste—nc—M	
Hydron brown (s.s.)	
Hydron brown G paste—nc—C	551
Hydron brown G pdr.—C	
Hydron brown R paste—C	
Hydron brown R pdr.—C	260
Hydron pink FB paste—C	
Hydron sky blue FK paste—nc—C	
Hydron wool yellow G pdr.—C	
Hydron yellow NF paste—C	
Indanthrene pink B dbl. s.s. paste —nc—B	4,460
Vat blue IGGSNL dbl. paste (s.s.)—M	
Vat blue IRL paste—M	
Vat green 12B pdr.—M	
Vat reddish brown R pdr.—M	

Mordant and Chrome Dyes

Acid alizarin gray—Q	1,123
Alizarin cylamine R paste—nc—By	
Alizarin fast gray 2 BL—By	
Metachrome blue black 2 BX—A	2,524
Metachrome brilliant blue 8RL—A	1,060

Direct Dyes

Benzo fast brown 3 GL—By	100
Benzophenone red 3B—nc—By	
Brilliant benzo violet F pdr.—nc—By	
Brilliant pure yellow 6G extra—nc—By	
Celatine blue—Q	2,200
Chloramine light gray R conc—nc—S	1,959
Chlorazol fast brown RK—nc—BD	
Diamine catechine B—I	
Diamine fast blue FFB—C	
Diamine fast rubine RF—C	
Diazo brilliant green 3G—By	2,040
Diazo fast blue 6GW—I	
Diazo fast bordeaux BL—By	
Diazo fast violet	
Diazo fast violet BL—By	110
Diazo fast violet 3RL—By	110
Diazo light violet BL—By	338
Diphenyl fast bronze B—nc—G	441
Fast cotton gray BL, GL, VL—A	
Naphthamine fast brown BL—nc—K	
Minaxo (Oxamine) black BBNX—B	
Polyphenyl blue GC—c—G	55

Sulfur Dyes

Immedial brown RR—C	923
Sulphide direct blue G conc—M	
Sulphur brilliant blue CL2R—A	

Color Lake Dyes

Hansa green G pdr.—M	337
Hansa orange R pdr.—M	
Hansa red B pdr.—M	
Hansa yellow R pdr.—M	
Sudan AB, OB—A	
Diphene blue B—A	
Victoria blue base I—CN	
Azole, B, D, R, T—A	20
Azole, AZ, 6GL—A	10
Acetate brown O, R—A	5
Acetate orange G—A	
Acetate red A—A	
Acetate yellow R—A	
Blue 129—G	
Carthame rose—G	
Jassmine yellow G supra—G	

Unclassified Dyes

Dye & Maker	Pounds
Azole, B, D, R, T—A	20
Azole, AZ, 6GL—A	10
Acetate brown O, R—A	5
Acetate orange G—A	
Acetate red A—A	
Acetate yellow R—A	
Blue 129—G	
Carthame rose—G	
Jassmine yellow G supra—G	

Dye & Maker	Quantity Pounds
Turquoise blue A conc—G	4
Sky blue N 43%—C	100
Acetyltolgine—c—France	6
Amyl salicylate—c—France	9
Benzophenone—nc—Germany	55
Benzyl acetate—c—France	198
Benzyl alcohol (tech)—c—France	
England	3,342
Benzyl benzoate—c—Holland	61
Benzyl isoeugenol—c—Holland	2 oz
Butyl salicylate—c—France	25

Synthetic Aromatic Chemicals of Coal-Tar Origin

Dye & Maker	Quantity Pounds
Coumarin—c—France	92
Coumarin extra A—c—France	20
Cyclohexanol—nc—France	444
Dimethylhydroquinone—nc—Switzerland, Holland	76
Diphenoxydixido—c—France	33
Ethyl cinnamate—c—Holland	5
Geranyl phenylacetate—nc—Switzerland	1 oz
Hyacinth compound—c—Holland	40
Indol—nc—Holland	8 oz
Jacintine—France	11
Methylacetophenone—c—Switzerland, France	44
Methyl anthranilate—c—Switzerland, Holland	140
Methyl methylantranilate—Switzerland	2
Musk ambrette—nc—Switzerland, France	1,005
Musk ketone—nc—France, Switzerland	386
Musk ketone synthetic—nc—France	46
Musk PC—nc—Switzerland	500
Musk xylene, pure—nc—Switzerland	50
Para cresol phenyl acetate—nc—Holland	3
Phenylacetaldehyde—c—Holland, France	86
Phenylethyl alcohol—c—Switzerland, Holland, France	235
Phenylpropyl alcohol—c—Holland	5
Vanillin—c—France	72
Vertena, D—nc—France	4
Yara Yara (b-Naphthol methyl ether 110)—c—Holland	

Color Lakes of Coal-Tar Origin

Name of Lake and Country	Quantity Pounds
Blue Lake 42 D—nc—Germany	250

Medicinals, Photographic Developers, Intermediates and Other Coal-Tar Chemicals

Name of Chemical and Country	Quantity Pounds
Amidopyrazoline—France	224
Antigol—nc—France	
Antifebrin compound—c—England	11 oz
Antipyrine—nc—France	1,453
Azole developer ON—Germany	5
Benzoinic acid—c—Germany	11
Benzoyl chloride—Germany	22
Beta-naphthol—c—England	10
Caffeine sodium benzoate—c—England	31
Colechine salicylate—nc—England	
Cresidine—Switzerland	1,543
Creosote carbonate—c—Switzerland	1
Diamidophenol—c—France	55
Enosol—France	
Epineine—c—England	70 c.c.
Epineine hydrochloride—c—England	
Guaiacol—nc—France	
Homatropine hydrobromide—c—England	
Homatropine hydrochloride—England	
Imitation amber—Germany	262
Lithium benzoate—nc—England	1
Methylparadimophenol—Germany	500
Naphthol solution—nc—France	33
Naphthylaminosalphonic acid—Germany	5
Neocaine, pure—c—France	
Nitrobenzene—Germany	110
Paranil, CF—Germany	5
Phenol formaldehyde—England	1
Phystostigmine salicylate—c—England	
Pyro developer—c—England	4
Quinine salicylate—nc—England	3 oz
Saponine—nc—France	
Sodium benzoate—c—Germany	11
Sodium iodide and guaiacol—Italy	2,400 c.c.
Sodium iodide and salicylate—Italy	48,300 c.c.
Sodium iodide and salicylate—c—England	72
Sodium salicylate and potassium	
Sodium bicarbonate—nc—England	
Sulfo trepersan—c—France	

Mayfield
Recd 9/10

Who's Who— in the Chemical Industry

George Lee Camp, sales. mgr. Dow Chemical Co., Midland, Mich. Born, Midland, Mich., June 11, 1882. Mar., Hazel B. Harper, Detroit, Mich., Nov. 27, 1907. Educated, graduate of public schools. Business, Dow Chemical Co.; began work Oct. 13, 1901, in clerical capacity; salesman from 1907-17. Member, Chemists' Club (N.Y.), Saginaw Club, Bay City Country Club, Mason (32°). Hobby, hunting.

Alexander C. Fergusson, Jr., head business same name, Philadelphia. Born, Phila., May 31, 1874. Mar., Linda Wilson Cook, 1895, deceased; sec. Mabel M. Carter, Wayne, Pa., 1912. Educated, Rittenhouse Acad., Phila. Business, Fergusson Bros., Phila., 1892 (Co. founded by father, Alex. C. Fergusson); member firm, 1900; sold interest 1914 and started present business. Trustee Lincoln Univ.; trustee Farnum School, Beverly, N. J. (pres. board); trustee Beverly Presbyr. Church; director, N. J. Co-operative Fruit Growers; pres. and owner Fergusson Labs., Phila.; vice-pres. Caribbean Consol. Co. Member, Union League, Mixers, Riverton, Pine Run Country, Phila. Kiwanis (past pres., chart. memb.), Meridian (fnldr., past pres.), Phila. Chem. Clubs (pres.), Order of Runnymede, Phila. St. Andrew's Soc. (past pres.). Hobby, tennis.

J. Warren Kinsman, asst. dir. sales, Dyestuffs Dept., E. I. du Pont de Nemours Co., Wilmington, Del. Born, Elizabeth, N. J., Dec. 4, 1894. Mar., Florence Pollard Hay, Sept. 10, 1918. Educated, Wesleyan Univ. 1912-14; Columbia Univ. 1916. E. I. du Pont de Nemours & Co., May 1, 1915, gen. foreman of Bayway plant; Jan. 1, 1917, Du Pont Fabrikoid Co.; Mar. 1, 1917, Du Pont Chem. Wks.; Apr. 1, 1918, asst. supervisor, Du Pont Powder Plant at Carney's Point, N. J.; Jan. 2, 1919, sales mgr., Du Pont Chem. Prod. Div.; Feb. 1, 1921, mgr., Intermediates and Export Div., Du Pont Dyestuffs Dept.; July 1, 1924, asst. dir. sales, Du Pont Dyestuffs Dept.; chairman Nomenclature Com., American Dyes Institute; member Comms. on Interstate Transportation of Dangerous Chemicals, Amer. Dyes Inst. and Synth. Organ. Chem. Mfrs. Assn., Amer. Chem. Soc. Comm. on Preparation and Publication of Ring Systems Used in Organic Chem., Natl. Research Council's Comm. on Nomenclature. Member, Psi Upsilon, Wilmington Country, Du Pont Country, Chemists' Clubs, Salesmen's Assn. Amer. Chem. Industry, Amer. Chem. Soc., Amer. Wood Preservers' Assn., N. J. Chem. Soc.

George Mann, pres. and treas. Geo. Mann & Co., Providence, R. I. Born, Leicester, Mass., June 26, 1890. Mar., Edna S. Leland, Grafton, Mass., 1913. Business, employ Brewer & Co., Worcester, Mass., 1908; transferred to Brewer & Co., Fall River, Mass., 1914; vice-pres. and genl. mgr. Providence and Fall River branches of Brewer; own business Apr., 1920, to date. Member, Mason, Quequechan Club (Fall River), Fall River Country Club. Hobbies, hunting and fishing.

William M. Rand, treas. and sales mgr., Merrimac Chemical Co., Boston. Born, Watertown, Mass. Apr. 7, 1886. Mar. Lucy K. Robbins, West Newton, 1914. Educated, Phillips Exeter Acad., Harvard Univ. 1909. A.B. Business, banking various capacities.; treas. City Fuel Co., Boston, until 1917; Navy, Apr. 1917, to Feb. 1919, Lieutenant, senior grade; Merrimac Chem. Co. 1919 as treasurer; sales mgr. in 1921. Hobbies, hunting, fishing, sailing.

ISSUE NITRITE AND BARIUM REPORTS

Costs of Production on Which Tariff Commission Recommended Higher Taric

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Sept. 24.—The Tariff Commission has just made public its complete report to the President on sodium nitrite and barium dioxide, on both of which the President issued a proclamation some time ago.

The sodium nitrite report, after giving full details of the commission's investigation, carries a supplemental statement signed by Vice-Chairman Culbertson and Commissioners Lewis and Costigan, also a statement by Chairman Marvin and Commissioners Burgess and Glassie.

The barium dioxide report was signed by all of the commissioners. It is understood that the commission intends to publish detailed reports on all commodities on which proclamations may be issued.

Securing exact information on the costs of production of sodium nitrite was the biggest stumbling block in the investigation of sodium nitrite by the United States Tariff Commission. The Norwegian producer refused to reveal costs, and it was necessary to estimate the total costs on certain known facts. American costs were submitted in a confidential memorandum. From information obtained of Norwegian costs of production and transportation to New York, the total cost landed here without duty was placed at 2.903 cents at current exchange or 3.998 cents a pound at par exchange. The annual consumption in the United States was placed at 6,000,000 pounds.

Production statistics showed that the domestic production in 1920 was 2,394,000 pounds, and in 1919, 2,364,000 pounds. Imports for the year 1923 were 2,408,694 pounds, with an invoice value of 4.28 cents per pound from Norway, and 2,254,660 pounds at 4.49 cents per pound from Germany. An increase in duty from 3c to 4½c a pound was recommended.

The report on barium dioxide contains the information obtained in the investigation of the costs of production in the United States and competing foreign countries. The investigation was ordered on March 27 following a request for an increase in duty by the J. H. R. Products Co., Willoughby, O., and a request for a decrease in duty by John Bene & Sons, New York. Prior to the World War, according to the report, barium dioxide was not produced in the United States and imports from 1910 to 1914 ranged from three and one-half to six million pounds per year.

Domestic production began in 1915 and reached 5,110,000 pounds in 1917, and declined to 1,716,000 pounds in 1919. During 1918 and subsequent years including 1923 domestic consumption averaged 4,000,000 pounds a year. Imports during 1922 were 2,018,194 pounds with an invoice value of 9 cents a pound, and in 1923, 1,810,593 pounds at 8.4 cents a pound. During December, 1923, prices were quoted at 13c to 14c for imported material and domestic dioxide was quoted 15c to 16c a pound.

In the summary the difference in the cost of production between Germany, the principal competing country, and the United States was stated to be greater than six cents a pound whether based on costs at factory or on factory costs plus transportation to the principal market, New York. With the duty at 4 cents a pound an increase of 2 cents a pound was recommended to equalize the difference in cost of production in the United States and Germany.

The Heavy Chemical Market

Current Spot Quotations on Heavy Chemicals, pages 950-952

CONTRACT SEASON APPROACHING

Consumers Showing Interest in Prices for Next Year—Look for Lower Figures in Some Products—Industrial Chemicals Steadier and in Fair Demand—Imported Barium Carbonate Lower—Caustic Potash Firm—Antimony Products Strong—Arsenic Dull—Tin Products Weak

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced	Barium Chloride, Imp., spot, \$2.00 ton	Sodium Prussiate, Imp., 1/2c lb.
Antimony Oxide, 1/2c lb.			
Arsenic, white, 1/2c lb.			

	Trend of the Market					
	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Acetic Acid, Glacial....lb.	\$11	\$11	\$11	\$124	\$19½	\$07
Sulfuric Acid, 66 deg. ton	14.00	14.00	14.00	15.00	55.00	20.00
Ammonium Sulfate, 100 lbs.	2.50	2.50	2.45	3.15	7.80	2.65
Bleaching Powder, 100 lbs.	1.90	1.90	1.90	1.75	9.50	1.50
Copper Sulfate, c/100 lbs.	4.60	4.60	4.60	5.00	20.00	4.50
Potash Caustic, Imp....lb.	.0576	.0676	.0674	.0734	.87	.08
Soda Ash, 58 p.c....100 lbs.	1.94	1.94	1.94	2.00	3.80	.60
Caustic Soda, 76 p.c.100 lbs.	3.66	3.66	3.66	3.70	9.50	1.42
Potassium Bichromate...lb.	.0884	.0884	.0884	.0934	.65	.064
Sodium Prussiate, Imp. lb.	.0918	.0918	.0918	.14	1.25	.18
Average	2.901	2.901	2.881	3.106	10.79	2.99

With the annual contract season in chemicals in the offing, manufacturers and consumers are beginning to show more activity. Occasional rumors are heard in the trade that this price will be lower and that price will be higher with various reasons for the change. While there may be a few changes in some items, no radical changes are expected in the basic chemicals. Alkalies are apparently set for another year of present prices, though rumor has it that production costs have been increasing. After a year of deliveries of bleach and chlorine at prices well below manufacturing costs it is only natural that manufacturers of these products will name 1925 contract prices which will in part make up for the lean 1924. Contract prices for imported prussiate of soda have been mentioned and are very attractive in view of the fact that prussiate prices are much lower than pre-war figures. Bichromate prices will undoubtedly be low owing to the competition and low prices which have been prevalent in recent weeks. Chemical buying is gradually broadening and factors in the trade state that September will be a better month than previous ones. A steadier tone is apparent and most of the price changes and competition have been in imported products. Many importers, however, are firmer in their quotations and are refusing to meet lower bids. Domestic makers report increased shipments and better outlook for the future in practically all consuming industries.

Acid Acetic—Buying is reported on a broader scale though quantities are usually small lots. Makers quote barrels at \$3.12@\$3.37 as to quantity; 56%, \$5.85@\$6.10; glacial, \$11.01@\$11.76.

Acid Formic—Moving in good volume and under keener competition. Imported material offered at 12c@12½c lb., according to strength.

Acid Oxalic—Fair activity with prices holding steady at recent quotations. Imported material named at 9½ lb., spot, and 9¾c lb. for shipment. Domestic quoted 9¾c@10c lb.

Acid Sulfuric—Makers are firm in prices for small

quantity buyers. Tank car business is reported better at this season with 66° named \$14 to ton works, and 60°, \$9.00 ton. Carboys, \$1.25@\$1.75 for 66°.

Acetone—Moving in increased quantities at recent levels. Carlot business named at 16c and 17c lb.; smaller lots, 16½c@17c, and 17½c@18c lb. for C.P. as to maker. Methyl acetone unchanged, 70c@75c gal.

Ammonium Chloride—Good business has been reported in this item at 5¾c lb. for white in carlot quantities for import. Spot prices are named at 6¼c@6½c lb. for ordinary quantities. Domestic held at 7¼c@8c lb. Gray imported at 7½c@8c lb.

Arsenic—No activity except of occasional small lots for routine consumption. Sales have been made down to 6½c lb., but the quotations from 6¾c@7½c are more general.

Antimony Products—The metal is firm at 11¾c lb. with an upward tendency. The oxide has been advanced to 10c lb. Needle firm at 8½c@9c lb.

Barium Compounds—The imported chloride is a trifle firmer with \$74 ton being the lowest some sellers will quote, though \$72 may be still possible. Domestic named at \$78.50@\$82.50 in bags, works. The carbonate is quoted down to \$55 ton spot for imported, and domestic, \$64@\$65 ton, works. Nitrate, 7½c@8c lb.

Bleaching Powder—Producers report increased shipment from mills and new business improving. New business is being booked at \$1.90 for carlots, large drums, at works; less cars, \$2.05. Indications are for present prices to rule for next year's contracts owing to the firmness of prices during the summer.

Calcium Arsenate—No activity and none expected until interest is revived in next year's business. Prices are nominal with sales around 8c lb.

Copper Sulfate—Prices are holding firm though metal prices are slipping gradually. Industrial demand has been improving, while agricultural demand is quiet. Prices range from \$4.65@\$4.90 for domestic and \$4.40@\$4.50 for imported material.

Coppers—Competition is still keen. Prices are holding around recent levels, with bulk at \$15 to ton, bags \$18 ton, and barrels \$20 ton, works.

Epsom Salt—Firmer and more active, with technical moving at \$1.40 for imported, and \$1.75 for domestic. U.S.P. named at \$2.10@\$2.50 as to quantity for domestic in barrels, and \$1.90@\$2.00 for imported.

Glauber's Salt—Moving in broader way at \$1.25@\$1.50 as to quantity for domestic.

Potash Caustic—Increased buying and firm in price. Carlots named at 6½c lb. and smaller lots up to 7½c lb. as to quantity.

Potassium Bichromate—Limited demand and easy at 8½c@9c lb.

Potassium Carbonate—Quiet and somewhat routine at recent prices. Calcined 80-85%, 5¾c@5½c lb., and hydrated, 5½c@5¾c lb.; 96-98%, 5¾c@6c lb.; 99%, 6½c@7c lb., and C.P., 12½c lb.

Potassium Permanganate—Inclined to be easy with sales at 13½c lb. spot for imported and domestic.

Potassium Prussiate—Occasional sales reported with sellers holding at 17½c@18c lb.

Soda Ash—Contract deliveries are stated to be assuming better proportions and new business increasing. Makers' prices for this year continue at \$1.25 for 58%

light in bulk, \$1.38 in bags, and \$1.63 in barrels, carlots at works. Spot prices for lcl business are named at \$2.04@\$2.19 in bags, and \$2.29@\$2.44 in barrels.

Soda Caustic—Shipments are reported satisfactory for this season and new business reported better. Contract prices continue at \$3.10 for 76% solid in carlots at works. Less than carlots, delivered in metropolitan district, \$3.76@\$3.91 for solid.

Sodium Acetate—Sales are being made on the basis of 4¾c@5c lb., according to quantity.

Sodium Bichromate—Quotations range from 6¾c@7c lb., according seller and quantity. Demand is limited to moderate quantities.

Sodium Chlorate—Imported and domestic is held at 6½c lb., though this price has been shaded in some quarters.

Sodium Nitrate—Quiet, with spot prices named at \$2.42½ and futures up to \$2.47½ as to position.

Sodium Prussiate—Sales have been made at 9½c lb. for imported on spot. Contract prices for imported have been heard at 8¾c and 8½c lb. Domestic quotations steady at 9½c lb.

Metals

Antimony is unchanged at 11½c lb. Copper is easier with electrolytic at 13c lb. Lead is quiet and unchanged, 8c lb., New York. Tin has declined still further to 45¾c lb. for Straits. Zinc quiet and lower at 6.47½c lb.

The government printing office has received the following bids for 50 pounds of sodium sulfide: Merck & Co., 35c per pound; Seldner & Enequist, 30c a pound; Charles Cooper & Co., 25c; Brewer & Co., 15c, less 1%; G. C. Dom Supply Co., 17c; Shoemaker & Busch, 18c; City Chemical Co., 17c; Mackall Brothers, 35c; Z. D. Gilman, 14.6c per pound.

In a complaint issued by the Federal Trade Commission Permutit Co., of New York City, is charged with unfair methods of competition by interfering with its competitors' businesses. The company is engaged in the manufacture of apparatus for softening hard water by utilizing the chemical action of zeolites.

An explosion in the fireworks factory of Joseph Chiarella near Fishkill, N. Y., on Sept. 7 wrecked the factory and did other property damage. Walls collapsed, windows were smashed and plaster fell in hundreds of houses in Beacon and Fishkill. Estimated damage to plant and buildings of the vicinity, \$100,000.

J. A. Moore, Jr., has severed his connection with Gulf States Chemical & Refining Co., Birmingham and Montgomery, Ala., effective Aug. 15. Mr. Moore, while president of the company, developed the Kennedy, Lloyd patented electrolytic process for the oxidation of arsenical salts for the manufacture of calcium arsenate.

Executive committee of the Manufacturing Chemists Association at the recent meeting favored the adoption of a standard screen scale. The American Society of Testing Materials standards, the Bureau of Standards scale, and the W. S. Tyler Co. scale are the three most commonly used.

Carbon tetrachloride is increasingly scarce in France and buyers are finding great difficulty in obtaining supplies. Owing to the small output of the French factories it is expected that this situation will continue for some time unless foreign imports change the trend of affairs.

The American Electrochemical Society will meet at the Hotel Tuller, Detroit, Oct. 2 to 4. Corrosion will be a leading subject for discussion.

SODIUM NITRATE RULING TO BE APPEALED

In the decision holding that sodium nitrate, whether imported crude or refined, is entitled to admission free of duty under Paragraph 1667 of the Tariff Act, Secretary Mellon says:

"While there may be some force in the argument advanced that the phrase as appearing in Paragraph 1667 is susceptible to the construction contended for by the domestic interests, the department is satisfied that if Congress had intended to depart from a uniform classification which had existed for over half a century, some evidence of that intention would be found either in the published tariff hearings or in the discussion of the paragraph on the floor of one or the other houses of Congress, and the department has been unable to find anything in the hearings or the discussions in Congress to show that any suggestion, much less recommendation, was made to limit to free entry nitrate of soda, crude, and to transfer refined nitrate of soda to the dutiable list. Moreover, if Congress had intended to subject refined nitrate of soda to duty, it is reasonable to assume that it would have provided for the article *eo nomine*, as was done with sulfate of soda, crystallized, in the act of 1913, and in Paragraph 83 of the present Tariff Act, rather than to leave the nitrate of soda, refined, to fall under the catch-all provision in Paragraph 5 of the present tariff act for 'chemical salts not specially provided for.'"

A protest will be filed with the Board of U. S. General Appraisers by the domestic interests who requested a ruling by the Treasury Decartment.

CHEMICAL SALESMEN WILL ELECT SEPT. 29

The Salesmen's Association will hold its annual meeting and election of officers at the Druachem Club, the evening of Tuesday, Sept. 29, when a complimentary dinner will be served to the members.

At a meeting of the Executive Committee, Sept. 19, V. C. Blanke of the American Cyanamide Co. and B. R. Tunison of the U. S. Industrial Alcohol Co. were nominated to fill the place in the Board of Governors made vacant by the resignation of Ray P. Dunning of the "Oil Paint & Drug Reporter." Their names will be placed on the official ballot and one will be elected to serve for one year, Mr. Dunning's unexpired term.

The annual banquet, which the association gives to the chemical industry each Fall, will be held in November, between Election and Thanksgiving Days.

Two new members, Ralph Jennings, of New York Quinine & Chemical Works, and John E. Falkingham, of Ellis Jackson & Co. have been elected to membership, and Ray P. Dunning, who leaves the chemical field to practice law in Springfield, Mass., on Oct. 1st, was elected an honorary member.

INSECTICIDE MAKERS SEEK STATISTICS

The Agricultural Insecticide and Fungicide Manufacturers' Association, recently organized, held its first meeting at the Hotel Pennsylvania on Wednesday, Sept. 17. W. H. Simpson, chairman of the Committee on Statistics, urged the association to obtain reliable information on production of arsenical products. W. H. Rose, of the Committee on Legislation, reported that the members of the committee were working on models for state laws regulating sales of poisonous insecticides.

R. N. Chipman reported for the Committee on Transportation that the Bureau of Explosives was about to issue regulations for the packaging of poisonous insecticides. Announcement of the regulations is expected Sept. 18. The next meeting will be held at the Hotel Ambassador, Atlantic City, Oct. 23.

[SEPTEMBER 24, 1924]

The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals, page 960

BENZOL MARKET IN STRONG POSITION

Increasing Demand and Small Production Having Its Effect—Solvent Naphtha Inclined to be Easy—Phenol and Cresylic Acid Steady—Pyridine Scarce and Firm—Aniline Oil and Salt More Active—Slight Improvement in Intermediates—Dyes Marking Time

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	No Advances
Declined	

Phthalic Anhydride, 2c lb.

	Trend of the Market					
	Today	Last Week	Last Month	Year	War Peak	Pre-War
Benzene, pure	gal. \$.25	\$.25	\$.25	\$.24	\$1.10	\$.25
Naphthalene, flake	lb. .05	.05	.05	.07	.16	.03
Phenol, Spot	lb. .25	.25	.26	.29	1.50	.08
Toluene	gal. .26	.26	.26	.26	..	..
Aniline Oil	lb. .16	.16	.16	.16	1.40	.10%
Alpha-naphthylamine	lb. .35	.35	.35	.35	1.28	..
Benzaldehyde	lb. .70	.70	.70	.75	..	..
Benzanaphthol	lb. .26	.26	.26	.21	1.50	.08
Dimethylaniline	lb. .35	.35	.36	.40	1.30	..
Paranitroaniline	lb. .68	.68	.68	.73	1.58	.18
Average	0.331	0.331	0.331	0.346	..	..

Speculation in what will happen after the reduction in the import tariff on dyes on Sept. 22 from 60 per cent to 45 per cent ad valorem has been the topic of most interest in the dye field during the week. While the textile consumption of dyes has been very small since the first of the year, demand has been even less during the past few weeks owing to the nearness of the date when the lower tariff goes into effect. Consumers have a feeling that the lower prices on imported dyes will affect domestic colors considerably and that it would be advantageous to wait before buying. Considerable quantities of dyes now held in bond, it is understood, will be released this week. Uncertainty in the textile field is still prominent. Mill owners have been negotiating with employees for reduction in wages from 10 to 25 per cent in order to lower costs of production and stabilize the industry. In the meantime mills are resuming operations very gradually but the situation is still far from normal. Buying is mainly on a hand-to-mouth scale and no hope for broader buying is expected until orders for textiles assume broader proportions. Prices have been holding steady in dye and intermediate products.

Crudes

Benzene—The position of all grades of benzol during the week has been one of increased firmness. The question of stocks has become more serious and owing to the difficulty in securing supplies there is a tendency toward higher prices in the market. The only reason prices are not higher at present is the fact that industrial demand has not been very heavy, and has been met fairly satisfactorily in spite of the curtailed production. Demand for motor benzol has been increasing and it is understood that buyers have been receiving only small proportions of their requirements though every available gallon of light oil is being utilized. Even ninety degree and pure have been going into motor fuel. Production has shown no important sign of increase, though steel operations have been gaining slightly, and

consequently light oil production. The situation is regarded as only temporary, and present prices artificial, owing to benzol scarcity. The difference between gasoline tank wagon prices and pure benzol is too great and when production of benzol is resumed prices will no doubt quickly decline. The market is still quoted 25c gal. for pure in tanks at mills and 30c in drums; 90 per cent material, 23c, tanks, mills, and 28c, drums. Late reports indicate that the market is higher in some quarters with sales at 26c for pure benzol in tanks, mills.

Cresylic Acid—Only routine business is reported at recently prevailing prices. Sellers name pale acid at 65c@75c gal. according to quantity. Dark acid named at 60c@65c gal.

Naphthalene—Little activity in the market. Prices generally unchanged with flake held at 5c@5½c lb., and balls, 5½c@5½c lb. Crushed, 4½c lb. Crude for import quoted 2c lb.

Pyridine—Only two drums arrived at New York last week. Supplies are scarce and sellers are asking \$4.25@ \$4.35 per gallon.

Phenol—Supplies are apparently sufficient for present demand and nothing new is reported. Sales are being made on the basis of 25c@26c lb. in the regular destructible drums and 24c in the large drums.

Solvent Naphtha—The further cut in petroleum naphtha has affected this market and prices are inclined to be weak. Nominally quoted at 24c gallon in tanks and 29c in drums, but lower prices intimated possible.

Toluene—Demand is sadly lacking but occasional buyers are obtaining supplies at 26c gal. in tanks, mills, and 31c in drums.

Intermediates

Acid Gamma—Routine demand for moderate quantities at \$1.45@\$1.50 lb.

Acid H—Fair business is reported in this product with prices holding steady at 72c@75c lb., according to quantity.

Aniline Oil—Consumption has been more gratifying to sellers. Some quarters report limited supply available. Difficulty in securing benzol is encountered in some directions. Prices are steady at 16c@17c lb. as to quantity. Aniline salt is also in better request. Prices range from 18c@22c lb.

Benzidine—Inquiries reported more numerous but actual business is rather limited. Prices range from 78c@80c lb.

Beta-naphthol—Buyers have been showing increased interest but mainly for small lots for immediate consumption. Makers prices continue firm owing to absence of resale material. Held at 25c@56c lb.

Dimethylaniline—Inclined to be a trifle soft with prices ranging from 35c@37c lb. and possibilities of shading on good sized quantities.

Meta-toluylenediamine—Fair activity and firm at 85c @88c lb.

Meta-phenylenediamine—Routine activity at 90c@ 95c lb.

Ortho-dichlorbenzene—Little demand; quoted 5c@6c lb., according to quantity.

Ortho-nitrotoluene—Little material available except in makers' hands at firm prices. Quoted 8c@9c lb. as to quantity.

Para-nitraniline—Moving in a steady routine way at 67c@70c lb.

Para-nitrophenol—Quiet and easy at 50c@55c lb.

Para-amidophenol—Buying reported quiet with makers quoting \$1.16@\$1.25 lb.

Para-toluidine—Demand has been active and prices are firm with higher tendencies. Generally quoted 15c@16c lb. though large quantities may be possible at 14c lb.

FIND METZ DYE IMPORTS COMPETITIVE

In deciding the protest by H. A. Metz & Co. against the appraiser's assessment on imported coal tar dyes on the basis of the American selling price of domestic products and as competitive, the Board of General Appraisers said:

"The merchandise consists of coal-tar dyes known as 'Alizarine Blue Black Powder, Alizarine Blue Black B Powder, Alizarine Blue Black BBB Powder,' and 'Patent Blue V.' The single query is: Are these dyes similar to or competitive with domestic dyes? We believe the question must be answered in the affirmative in view (1) of the evidence in the case and (2) because of the following definitive language in Paragraph 28 of the Tariff Act of 1922: 'For the purpose of this paragraph any coal-tar product provided for in this act shall be considered similar to or competitive with any imported coal tar product which accomplishes results substantially equal to those accomplished by the domestic product when used in substantially the same manner.'

GERMAN DYE COMPANY OBTAINS LOAN

Aktien Gesellschaft fur Anilin Fabrikation, member of the German Dye Cartel and one of the companies formerly controlled by Hugo Stinnes, has obtained a loan of \$2,500,000 from Dillon, Read & Co., bankers, New York, and the International Acceptance Bank. The loan is for six months only, and will be used to buy raw materials to keep the plant open, and for payrolls.

Conditions in the German dyestuffs industry are reported as not altogether satisfactory. The manufacture of intermediates as well as dyes has had to be curtailed, as stocks have accumulated and the outlook for sales in the immediate future is not encouraging, writes Trade Commissioner Daugherty. Lucius & Bruening, or the Hoechster Farbwerke, at Hoechst on the Main have been forced to lay off from 10 to 15 per cent of their help on account of the stagnant condition of business. Production of air-fixed nitrogen compounds is normal.

The Berlin section of the Russian Commerce Syndicate, according to reports from Rotterdam, has given large orders for dyes to American, English, and French companies represented in that city. A report is current that the All-Russian Textile Syndicate and the Russian Dye Trust have reached an agreement whereby the Textile Syndicate gives the Dye Trust all its foreign orders for aniline dyes. If these can not be filled in Russia they are assigned elsewhere, presumably. The Dye Trust is said to have received financial support from the Textile Syndicate amounting to about 600,000 rubles.

Three hundred coke ovens at No. 1 and 3 plants of Oliver & Snyder Steel Co. in the Connellsburg region will be put in operation Oct. 1. The company has obtained a contract that insures operations over the last quarter of the year. The plants were shut down about six months ago.

SHARPER COMPETITION IN DYES BEGINS

Dr. Herty Tells of New Colors Made in the United States Under the Tariff Act

With the reduction in the tariff on dyes, which went into effect on Monday, the rates on imported competitive dyes will range from equivalent ad valorem duties of 47.33 per cent for the highest priced to 72 per cent for the lowest priced, compared with equivalent rates ranging from 62.3 per cent for the highest priced to 88 per cent for the cheapest during the past two years. On noncompetitive colors the equivalent ad valorem rates under the new schedule will range from 25.1 per cent for the highest priced to 40.6 per cent for the cheapest, as compared with the former equivalent ad valorem rates, which ranged from 32.7 per cent for the highest priced to 44.7 per cent for the lowest priced.

Bulk colors cannot be displaced in domestic markets by imported because producers have maintained prices at low levels. The price level, it is believed, has been kept sufficiently below the point at which it could have been maintained under the higher ad valorem duties to discourage any serious attempts at competition by foreign manufacturers after the new rates become effective.

Dr. Charles H. Herty, president Synthetic Organic Chemical Manufacturers' Association, in reviewing the work of the dye industry for the two years since the new tariff went into effect, says:

"During these two years 166 new dyestuffs have been placed upon the market, and likewise there has been a large increase in the manufacture of other synthetic organic chemicals. There has been marked progress in the manufacture of vat dyes, whose use is constantly increasing with the growing demand for fastness and high quality in the textile industry. A notable step was the announcement last week of the first American production of Indanthrene Golden Orange, and it is confidently predicted that other announcements of important additions to the list of American products will soon be made."

The Tariff Commission has sent a questionnaire to dye manufacturers asking them to report sales for the first nine months of 1924 and the corresponding period of 1923. The questionnaire reads:

"In view of the reduction in the rate of duty on coal tar dyes, which becomes effective on Sept. 22, 1924, and in order that the Commission may be in a position to inform Congress on the developments and activity of the coal tar dye industry during 1924, we request that you supply the Commission with the following information:

"(1)—Your total sales of dyes by quantity and value for—

"(a) the first nine months of 1923.

"(b) the first nine months of 1924.

"(2)—Give the reasons for any change in your volume of sales during 1924 over those in 1923.

"This information will be treated as strictly confidential, and is for the exclusive use of the Tariff Commission. The data will be revealed or published only in the form of totals or averages so that operations of individual firms will not be revealed.

"May we request your co-operation by a prompt response to this inquiry?"

Exhibits at the Made-In-Carolina Exposition at Charlotte, N. C., include displays by E. I. du Pont de Nemours & Co. and National Aniline & Chemical Co.

Water pollution by chemical industries will be checked by legislation, according to warnings given out by Secretary Hoover.

The Oil Market

Current Spot Quotations of Oils, Tallow, Greases, page 967

CORN AND COTTONSEED OILS WEAK

Lack of Interest Sends Prices Down—Linseed Oil Lower for Spot and Future—Chinawood Oil Strong Due to War and Scarcity—Sesame Oil Reduced—Oleo Oil Higher—Fish Oil Strong—Tallow Easier—Olive Oil Steady—Turpentine Easy—Rosins Firm

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Chinawood Oil, spot, $\frac{1}{4}$ c lb. Oleo Oil, No. 1, $\frac{3}{4}$ c lb.
shpt., $\frac{3}{4}$ c@ $\frac{3}{4}$ c lb. No. 2, $\frac{3}{4}$ c lb.

Declined

Corn Oil, ref., $\frac{1}{4}$ c lb. Linseed Oil, spot, 2c gal.
Cottonseed Oil, crude, $\frac{3}{4}$ c lb. Linseed Oil, fut., 2c@3c gal.
Cottonseed Oil, P.S.Y., $\frac{3}{4}$ c lb. Sesame Oil, ref., $\frac{1}{4}$ c lb.
Cottonseed Oil, ref., $\frac{3}{4}$ c lb. Tallow, loose, $\frac{3}{4}$ c lb.

Trend of the Market

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Coo Oil, N. F. ....gal.	\$.59	\$.50	\$.50	\$.68	\$1.26	\$.26 $\frac{1}{2}$
Degras, American, bbl. ....lb.	.04 $\frac{1}{2}$	.04 $\frac{1}{2}$	.04 $\frac{1}{2}$	.03 $\frac{1}{2}$	.23	.03 $\frac{1}{2}$
Lard, No. 1 ....gal.	.88	.88	.88	.82	2.90	.92
Menhaden, oil, bbls. ....gal.	.50	.50	.50	.45	1.20	.33
Neatsfoot, 20 deg. c.t. ....gal.	1.46	1.46	1.46	1.30	3.45	.95
Red Oil, distilled ....lb.	.09 $\frac{1}{2}$	.09 $\frac{1}{2}$	.09 $\frac{1}{2}$	.09 $\frac{1}{2}$	.17	.07
Stearic Acid, T. P. ....lb.	.18 $\frac{1}{2}$	.18 $\frac{1}{2}$	.18 $\frac{1}{2}$	.18 $\frac{1}{2}$	.33	.12
Coconut, Ceylon, bbls. ....lb.	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10 $\frac{1}{2}$	.10	.90	.14
Cottonseed, crude, tks. ....lb.	.06 $\frac{1}{2}$	.08 $\frac{1}{2}$	.12	.10	.25	.08
Linseed, carlots ....gal.	1.02	1.02	1.04	.90	1.85	.57
Olive, denatured ....gal.	1.25	1.25	1.25	1.10	4.50	1.05
Peanut, refined ....lb.	.17	.17	.16	.15 $\frac{1}{2}$	.30	.08
Soya Bean, bbls. ....lb.	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.12 $\frac{1}{2}$	.10 $\frac{1}{2}$	.19 $\frac{1}{2}$	.07
Average	0.495	0.496	0.491	0.467	1.30	0.362

Interest in the market for miscellaneous oils, fats and greases has been falling off and prices are beginning to show the effects of the lack of buying. In some items consumers are fairly well covered for the present and nearby needs while in others buyers are holding off in anticipation of lower prices. Cottonseed oil and stearine prices have been on the down grade and the movement is carrying other oils down in sympathy. Professional speculation is also stated to have been the cause of recent weakness in the market. Tallow has declined from its recent high and is none too firm. Continuation of war activities in China is accounting for further strength in chinawood oil. Most of the spot supplies have been taken up and shipments from China are reported uncertain. Linseed oil is reported quiet with most buyers covered for the next few months and are not buying too far ahead. Crushers have reduced prices for spot and future delivery. Menhaden is scarce owing to poor fishing and storms along the Coast.

Vegetable Oils

Castor Oil—With seed prices firm, oil continues steady at recent levels. No. 1 is named at 17c@17 $\frac{1}{2}$ c lb. and No. 3, 16 $\frac{1}{2}$ c@17c lb.

Chinawood Oil—Inquiries have been numerous for spot and future oil but most of the spot stocks have been taken up. Spot prices are higher with cooperage named at 16 $\frac{1}{2}$ c@16 $\frac{1}{2}$ c lb. Owing to the war activities in China forward deliveries are uncertain and contracts are said to have been cancelled. Nov., Dec., arrival in barrels, N.Y. quoted 16 $\frac{1}{2}$ c lb. and tanks, 15 $\frac{1}{2}$ c lb. Coast, Oct., 14 $\frac{1}{2}$ c lb. and Nov., 14 $\frac{1}{2}$ c lb.

Coconut Oil—Sales are reported going through regu-

larly at recent prices. Ceylon in tanks, New York, 9 $\frac{1}{2}$ c lb. and Cochin, 9 $\frac{1}{2}$ c lb. Manila at the coast in tanks, 8 $\frac{1}{2}$ c lb.

Corn Oil—Refined oil prices declined sharply owing to the weakness in cottonseed oil and lack of interest. Named at 13c@13 $\frac{1}{4}$ c lb. Crude continued at 9c lb. in buyers' tanks, mills.

Cottonseed Oil—Interest has been lacking and prices have declined still further. The large cotton crop is having its effect and professional pressure has also accounted for lower prices. Crude cottonseed oil at the mills, down to 8 $\frac{1}{2}$ c lb. P.S.Y. prices declined to 9 $\frac{1}{2}$ c lb. spot and futures from 8 $\frac{1}{2}$ c@8 $\frac{1}{2}$ c lb. Refined oil lower at 13c lb. for winter yellow.

Linseed Oil—Crushers have reduced their prices 2c and now quote spot oils at \$1.00 gallon in carlots and \$1.03 in small lots. Futures were also lower at 95c for Oct. first half and 93c for second half; Nov.-April, 90c. Buyers are stated to be pretty well covered for the near months. Oil is not plentiful but seed prices are on the decline. London linseed oil, 43 $\frac{1}{2}$. Antwerp, 362f. Flaxseed prices are down with Winnipeg opening the week, Oct., \$2.10; Nov., \$2.10; Dec., \$2.03; May, \$2.10 $\frac{1}{2}$. Duluth, Sept., \$2.31 $\frac{1}{2}$; Oct., \$2.27; Nov., \$2.26 $\frac{1}{4}$; Dec., \$2.20 $\frac{3}{4}$. Buenos Aires lower, \$1.97 $\frac{1}{4}$.

Olive Oil—Recent reports from producing countries have been bullish but the season is still too early to predict what will happen. Prices are firm from abroad, however, owing to the tendency to withhold selling until crop prospects are more certain. Spot prices named at \$1.25 for denatured. Foots firm at 9 $\frac{1}{2}$ c lb. for spot and 9 $\frac{1}{2}$ c lb. for shipment.

Palm Oil—Imports at New York were heavy last week. Buying has been heavy in this oil recently. Prices continue at 8 $\frac{1}{2}$ c lb. for Lagos and 7 $\frac{1}{2}$ c lb. for Niger.

Peanut Oil—Crude oil continues scarce and difficult to locate. Refined oil is held at 17c lb.

Rapeseed Oil—Moving at 87c@89c gallon on steady demand.

Sesame Oil—Easier and quoted down to 13 $\frac{1}{4}$ c@13 $\frac{1}{2}$ c lb.

Soya Bean Oil—Quiet, tanks at Coast reported at 10 $\frac{1}{2}$ c lb. and New York, 10 $\frac{1}{2}$ c lb. Refined oil, 13 $\frac{1}{2}$ c lb.

Animal Oils

Greases—Choice white continues at 11 $\frac{1}{2}$ c@11 $\frac{1}{4}$ c lb.; yellow, 7 $\frac{1}{2}$ c lb. and brown, 7 $\frac{1}{2}$ c lb.

Lard Oil—Moving at unchanged prices on routine demand. White firm at 17 $\frac{1}{2}$ c lb.; extra, 14 $\frac{1}{2}$ c lb.; No. 1, 11 $\frac{1}{2}$ c lb.

Neatsfoot Oil—Supplies are moving regularly at firm and steady prices. Extra quoted 12 $\frac{1}{2}$ c lb.; pure, 15c lb. and 20° cold test, 19 $\frac{1}{2}$ c lb.

Oleo Oil—Continues strong with supplies somewhat limited and demand active. No. 1 named at 18 $\frac{1}{2}$ c lb. and No. 2, 15 $\frac{1}{2}$ c lb.

Stearic Acid—Moving at recent prices of 12c@12 $\frac{1}{2}$ c lb. for the double pressed and 13 $\frac{1}{2}$ c@14c lb. for triple pressed.

Red Oil—Raw material is somewhat easier but producers continue to quote, 9 $\frac{1}{2}$ c@9 $\frac{1}{2}$ c lb.

Tallow—Lower prices are in effect as demand slowed up and supplies apparently more ample. Sales of loose at 8½c lb.

Fish Oils

Cod Oil—Fishing is stated to have been poor this year according to early reports. Demand, however, has been routine and purchases confined to moderate quantities. Spot barrels named at 59c@60c gal. and tanks, 55c@57c gal.

Menhaden Oil—Storms and poor fishing have increased the shortage of oil at the fishing centers. Producers are asking 52c@55c for crude at the works but sales are reported at 50c. Refined is moving at former prices of 68c@70c gal. in barrels for light strained and 71c@72c for yellow bleached.

Naval Stores

Turpentine—The market has been easier with buyers holding off. Heavy rains in the South are stated to have affected production. Savannah is quoted quiet with lower tendencies at 82c. New York prices at 88c in carlots.

Rosins—Buyers have been active and sales have been heavy during the week. Prices advanced in the South from 20c@30c for a few days but later receded. Domestic demand is reported better. New York prices quoted: B, \$6.10; D, \$6.25; E to K, \$6.35; M, \$6.40; N, \$6.65; WG, \$7.50; WW, \$8.15.

The amount of crude cottonseed oil on hand Aug. 31 was 8,346,549 pounds, and refined oil, 54,201,292 pounds, against 7,588,473 pounds crude and 68,690,554 pounds refined oil on hand Aug. 31, 1923, according to the Bureau of the Census. Products manufactured from cotton seed in August were as follows: Crude oil, 17,922,241 pounds; refined oil, 11,144,121 pounds; cake and meal, 29,669 tons; hulls, 17,371 tons; linters (500-pound bales), 17,671 bales, and hull fiber, 11,657 (500-pound) bales.

Dynamite glycerin production appears to have advanced somewhat beyond needs of consumers, according to Parsons & Petit, New York, who says. "Little doubt exists that better business is probable, but we must not expect a sudden boom. Price of chemically pure has been maintained at 19c per pound, and some talk is being circulated in regard to an advance. The demand continues good."

Rates on linseed oil in carloads from New York harbor points to Black Rock, Buffalo, N. Y. and Bridgeburg, Ont., have been found unreasonable in a report proposed to the Interstate Commerce Commission by F. L. Sharp, one of its examiners. The report applies to docket 15,310 of Pratt and Lambert, Inc., against the New York Central Railroad.

Lansing Paint and Color Co., Lansing, Mich., has announced that business for the first four months of this year, exceeded by 60 per cent, business during the same period in 1923. The company has just completed the installation of new equipment.

The Domestic and Foreign Commerce Department, Chicago Association of Commerce, 10 South La Salle st., Chicago, has received an inquiry (3088) from a concern at Trieste, Italy, in the market for a quantity of pine tar and vegetable pitch.

Stocks of flaxseed in Canada on Aug. 30 were 251,149 bushels, compared with 203,090 bushels for 1923, according to the Dominion Bureau of Statistics.

RAINS CAUSE LOSS OF TURPENTINE (Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Sept. 22.—Turpentine closed the week quiet at 82c@82½c with a lower tendency, some sellers offering at 81c, while others maintained the higher figures. Buyers have been holding off and prices have responded to the lack of demand. A little activity during the week, however, brought prices back about 2c above the low of the week. Heavy rains are reported in the South and loss of turpentine is expected to reach 10,000 barrels, which will be noticeable during the next three weeks. Receipts for the week, 3,689 bbls.; sales reported, 1,785 bbls.; shipments, 2,468 bbls.; stock, 15,070 bbls. Rosins closed firm after an active week during which all grades advanced from 20-30c. Demand appears likely to hold up and present values are expected to be maintained though a slight reaction has set in in the last few days. Receipts for week, 10,288 bbls.; sales, 8,554 bbls.; shipments, 11,260 bbls.; stock, 112,484 bbls.

Jacksonville, Sept. 20.—Turpentine closed quiet, 82c, with lower tendency. Stock, 24,951 bbls. Rosins are firm with all offerings disposed of. Stock, 114,553 bbls.

ARCHER-DANIELS DISCUSS FLAXSEED

Archer-Daniels-Midland Co., New York, say in regard to the flaxseed situation: "In August, 1923, seed and oil were carried over to the new crop. In August, 1924, no seed or oil was carried over to new crop. Building contracts and consumption of paints are reported greater than a year ago. With no change conditions indicate we will have a marketable crop of about 25,000,000 bushels to supply a probable demand for about 35,000,000 bushels. The new Argentine crop can be purchased for next March arrival for about 10c per bushel higher than our crop would now cost in New York harbor. The interesting question is, will our crop move during the next sixty days as fast or faster than it will be needed East to supply the mills from Lake Erie to New York harbor during the winter? We are having cold rains over the Northwest just as the flax on the ground was getting in condition to thresh."

Considerable business in the turpentine trade in Southern France, is reported in recent cables, and foreign purchases are numerous. German buyers have come in to the French market and nearly all the shipments made abroad recently have been for German account. Despite the demand, however, prices remain stationary around francs 480 to francs 485 per 100 kilograms, this level being maintained owing to slackness in the London and Savannah markets. Stocks in the hands of consumers and merchants are very low, and the tendency of German buyers to return to French markets for their supplies may have a hardening effect on turpentine quotations in the near future.

M. L. Barrett & Co., Chicago importers, have received a report on olive oil from Carbonell & Co., Cordoba, Spain, who say: "Our market continues very firm owing to the scarcity of old stocks. Reports on new crop indicate an average crop in Andalusia, while in Barcelona, Tarragona, and interior producing regions the outlook is very poor. In general, the new crop was expected to be very abundant, but the heavy rains of March and April have been followed by a prolonged drought, which has forced crops to ripen prematurely; the northern crops are not in very good condition, while in southern regions they are more promising."

The seventh International Olive Oil Congress will be held in Seville from Dec. 5 to 10 this year.

Chemicals for Consuming Industries

Heavy Chemicals, page 952, Tan and Dyestuff, page 969, Fatty Oils, page 967

CHEMICAL PRICE MOVES BALANCED

Higher Shipment Figures From Germany, and Broader Demand Weigh Against Continued Keen Competitive Conditions in U. S.—Ups and Downs Even—Talk of Contract Advance Persists

From Germany, higher shipment figures for chemicals are becoming quite general. Combined with the effect of an advance in shipment figures, a broader demand for chemicals from American consumers tends to strengthen the market. Keenly competitive conditions among American sellers, however—makers, importers, and dealers, alike—go a long way toward offsetting the stiffening influences. As a consequence, the chemical market remains just about where it has been for the past month. Ups and downs are about evenly balanced. In a number of products, when an advance seems pending, one or two cheap sellers are usually ready to inject themselves into the market and continue to do business at the original figure. Talk of 1925 contract advances in alkalis, bleaching powder, some acids, and other important items, still persists, although makers remain uncommunicative.

Agricultural Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Acid Sulfuric, 66°	ton \$14.00	\$14.00	\$14.00	\$15.00	\$65.00	\$20.00
Ammonium Sulfate, 100 lbs.	2.50	2.50	2.45	3.15	7.75	2.65
Arsenic	.07	.07	.07	.15	.18	.04
Copper Sulfate	100 lbs. 4.60	4.60	4.50	5.15	20.00	4.50
Paris Green	.25	.25	.30	.29	.50	.11
Potash Muriate, 90%	ton 31.10	31.10	31.10	35.55	475.00	39.57
Potash Sulfate, 90%	ton 41.27	41.27	41.27	45.67	440.00	48.07
Phosphate Rock, 68%	ton 2.25	2.25	2.25	3.25	11.00	3.00
Phosphate, Acid, 16%	ton 8.25	8.25	8.25	8.50	21.00	15.00
Sodium Nitrate	100 lbs. 2.42	2.42	2.45	2.42	5.00	1.90
Average	10.684	10.684	10.660	11.860	103.54	13.84

The movement in fertilizers is reported more active and sellers are busy placing orders. Scarcity of supplies is handicapping business in some items, especially fish scrap and ammonium sulfate. Potash sales have been more numerous since the price schedule was announced. Sodium nitrate is slightly lower.

Fertilizers

Ammoniates—Scarcity of fish scrap is the outstanding

feature in this market owing to the continued poor fishing. Storms during the past week have hindered fishing. Dried scrap is held at \$5.00 unit where available; acid scrap, \$4.25; tankage is steadier, \$3.35 and 10, New York, and \$3.65 Chicago; blood is firm, \$4.00, New York; bone, Chicago, \$23 unit, and New York, \$33 ton.

Ammonium Sulfate—Most buyers have been covered on contract and only occasional sales are reported. Supplies are scarce and works prices are quoted \$2.25 in bulk.

Sodium Nitrate—More generous spot prices and lower exchange has accounted for an easier tone. Spot supplies are held at \$2.42@\$2.44 and forward deliveries up to \$2.50, according to position.

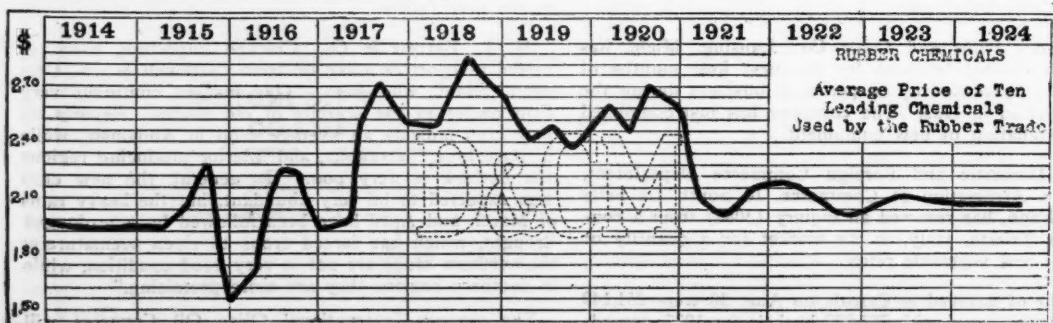
Potash Salts—Since the announcement of the potash prices orders have been coming in. The 5 per cent discount offered for purchases before Oct. 1 has proved an inducement to buyers. Prices are quoted as follows: Potassium muriate, 80%, \$34.50 in bags; sulfate, 90%, \$45.85; double manure salt, 48%, \$26.35; 30%, \$17.03 in bulk; 20%, \$10.55 in bulk; kainite, 12.4%, \$7.75. Bulk in bags, \$2.00 extra. Prices c.i.f., Atlantic ports.

Insecticides and Fungicides

Arsenicals—Calcium arsenate has dropped out of the market for the present and prices are more or less nominal until business opens up again for next year. Occasional sales of arsenic are reported from 63/4c@7½c lb., according to seller and quantity.

Copper Salts—Sulfate has been firm but quiet as far as agricultural interest is concerned. Quoted 4½c@4¾c lb. Copper carbonate quiet, 16c@17c lb.

Sumac production for this year will be somewhat limited owing to the low prices of previous years, which have caused the cultivation of sumac to be neglected, according to Geies, Saccianocle & Co., who say: "The present prices have caused the growers to become encouraged, and hopes are expressed that in the following years the item will be more abundant. Prices follow: Ground sumac, 28 degree tannin, 25s. 6d. per cwt.; 30 degree tannin, 26s. 6d. per cwt.; leaf sumac, 28 degree tannin, 27s. 6d. per cwt.; and 28 degree tannin, 27s. 6d. Tests are according to Yocom, and 2 degrees less if on the shake test. High prices are expected to prevail for the balance of the year."



Leather Chemicals

Trend of the Market

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre- War
Acid, Acetic, 28%	\$3.12	\$3.12	\$3.12	\$3.38	\$17.00	\$1.50
Acid, Formic, 90%	.13	.13	.13	.12	1.50@.37	.37
Acid, Lactic, 22% dark	.05	.05	.05	.04@.04	.07	.02
Potassium Bichromate	.08@.08	.08@.08	.09@.09	.10	.65	.06@.06
Epsom Salt, tech.	1.70	1.70	1.70	1.75	3.75	1.00
Sodium Prussiate, Imp.	.09@.09	.09@.09	.09@.09	.14	1.25	.18
Soda Ash, 58% wks.	1.38	1.38	1.38	1.45	4.10	.69
Sodium Bichromate	.06@.06	.06@.06	.07	.07@.07	.45	.04@.04
Sodium Hyposulfite, prca.	2.50	2.50	2.50	2.75	3.75	1.80
Sodium Sulfide, 60% wks.	.08@.08	.08@.08	.08@.08	.04@.04	10@.10	.02@.02
Average	.925	.925	.925	.989	3.267	.528

Signs of relief from the recent dullness are being experienced in the market for leather chemicals and tanning materials. Inquiries are reported more frequently and orders are more numerous than for many months. Owing to the lack of demand for vegetable tanning materials, supplies have been allowed to run down and scarcity and strength in prices are reported in some materials. Sumac, gambier and wattle bark are decidedly strong. Weakness in bichromates is still evident.

Acids—Slightly better movement is reported. Acetic acid buying is on a broader scale at \$3.12@\$3.37 for 28% in barrels; 56%, \$5.85@\$6.10; glacial, \$11.01@\$11.76; lactic is steady at 5c@5½c lb. for 22% dark and 5½c@6c lb. for light; 44%, dark, 10½c@11c lb.; oxalic is unchanged, 9½c@10c lb.; formic is slightly easier, 12c@12½c lb. for 85 and 90%; mineral acids are firmer in price.

Alkalies—Deliveries are reported on a broader scale from the works. Competition is evident in lcl business. Makers' prices for contract business are unchanged. Soda ash, 58%, light, in carlots at works, \$1.25 in bulk, \$1.38 in bags, and \$1.63 in barrels; less than carlots around New York, \$2.04@\$2.19 in bags, delivered; barrels, \$2.29@\$2.44. Contract business in caustic soda solid, \$3.10 for carlots at works; ground and flake, \$3.60; lcl business, New York, \$3.76@\$3.91, delivered, and ground and flake, \$4.16@\$4.31.

Chemicals—Bichromates are holding at recent lower levels. Potassium bichromate, 8¾c@9c lb.; soda, 6¾c@7c lb.; red arsenic steady, 15c@15½c lb.; sal ammoniac held at 6¼c@6½c lb., spot; Epsom salt is firmer, \$1.40 for imported technical and \$1.75@\$2.00 for domestic; Glauber's salt held at \$1.25@\$1.50; formaldehyde is firmer, 9c@9¾c lb.; potassium titanium oxalate, 25c@30c lb.; sodium hyposulfite, 2½c@3c lb.; sodium sulfide crystals are in fair demand, 2c@2½c lb.; solid, 3c@3½c lb., works; tanners' syrup, \$4.26@\$4.36.

Tanning Materials—Divi divi is firm at \$42@\$43 ton; myrobalans steady, \$47@\$48 ton for J1; J2, \$36@\$38 ton; R1, \$43@\$45 ton. Sumac is scarce and high at \$170@\$175 ton; valonia cups, \$32 ton, and bread, \$49@\$50 ton; wattle bark is higher, \$37@\$39 ton. Chestnut extract is unchanged, 1¾c@2c lb.; gambier scarce and firm, 12c@14c lb. for liquid, and 15c@15½c lb. for common; logwood held at 7c@9c lb.; myrobalans, 4c@5c lb.; quebracho, 3c@3½c lb.; sumac, 7c@8c lb.

The principal countries manufacturing chrome salts in the order of their importance are the United States, Great Britain, Germany, Italy, and Russia. A few other

THE CLEVELAND-CLIFFS IRON COMPANY CLEVELAND, OHIO

METHANOL ACETIC ACID ALL GRADES

DISTRIBUTING WAREHOUSES

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ST. LOUIS
KANSAS CITY
LOS ANGELES

PLANTS Marquette and Antrim, Mich.

SEPTEMBER 24, 1924

countries are manufacturing a negligible tonnage. The reason for this is evident when it is considered that the requisites for production are chromite ore, limestone, alkali carbonate, coal or high-temperature fuel, power, and grinding machinery. Each of the above producing countries is faced with the lack, or costly acquisition, of some or all of these requisites. Of these the most important from a price competitive standpoint are apparently fuel, power, and machinery, which factors account for the relative position of the producers as shown above, despite the fact that over 99 per cent of the world's present desirable sources of chromite are owned and controlled by Great Britain and France. The United States is particularly well equipped, so far as all requisites are concerned, with the exception of the richer grade of the basic commodity, chromite.

Paper Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate	\$2.40	\$2.40	\$2.40	\$2.40	\$5.50	\$1.50
Bleaching Powder	1.90	1.90	1.90	1.50	9.50	1.50
Casein	.10%	.10%	.10%	.14	.28	.20
China Clay, Dom.	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c/l Cyl.	.05%	.05%	.05%	.05%	.05%	.08
Salt Cake	19.00	19.00	19.00	23.00	80.00	11.00
Sodium Silicate, 40°	.80	.80	.80	.80	1.75	2.00
Soda Ash	1.38	1.58	1.38	1.45	4.10	.69
Sulfur	18.00	18.00	18.00	18.00	65.00	20.00
Rosin F grade	6.35	6.35	5.90	5.90	4.50	20.25
Average	5.96	5.96	5.915	6.436	13.30	5.50

Demand for paper chemicals is broadening as mills resume operations in nearly all sections. Prices are

steady and firm at recent levels. Interest in contract prices for next year in alkalis and bleach is being manifested as the time for announcement of prices approaches.

Alkalies—Deliveries are reported on a broader scale from the works. Competition is evident in lcl business. Makers' prices for contract business are unchanged. Soda ash, 58%, light, in carlots at works, \$1.25 in bulk, \$1.38 in bags, and \$1.63 in barrels; less than carlots around New York, \$2.04@\$2.19 in bags, delivered; barrels, \$2.29@\$2.44. Contract business in caustic soda solid, \$3.10 for carlots at works; ground and flake, \$3.60; lcl business, New York, \$3.76@\$3.91, delivered, and ground and flake, \$4.16@\$4.31.

Bleaches—While present prices of bleach and liquid chlorine are firm, contract customers are understood to be anticipating more favorable prices. Business, however, has already been reported at present figures for next year. Makers are holding bleach at \$1.90 for carlots of large drums at works and \$2.05 in less carlots; small drums, \$2.15@\$2.30. Liquid chlorine is steady, 4½ lb. in tanks, works; carlots of cylinders, 5½ lb., less carlots, 6½ lb., and ton lots or less, 7½ lb.

Chemicals—Buying continues to show improvement with prices generally unchanged. Sulfate of alumina named at \$2.25@\$2.40 for domestic iron-free, and \$2.00@\$2.25 for imported; commercial, \$1.30@\$1.35; sodium bisulfite, dry, 4c@4½ lb.; sodium silicate, 40°, in tanks, 75c, and drums, 80c@85c; satin white, \$1.45@\$1.50 for pulp; blanc fixe is steady, \$75@\$80 ton; salt cake is firmer, \$18@\$20 ton.

Sizings—Rosins have been in active demand in the South. Prices are firm and tending upward. New York quotations: B, \$6.10; D, \$6.20; E to K, \$6.35; M, \$6.40;

VICTOR CHEMICAL WORKS
CHICAGO, ILL.

Tri-Sodium Phosphate

Branches:

- Phosphates of Soda
- Epsom Salts
- Ammmonium Phosphate
- Phosphoric and Ferrous Acids

INDUSTRIAL CHEMICAL SECTION

1816 1924

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CAUSTIC SODA

"CARRARA" FILLER

RUBBER MAKERS' LIME

CARBON TETRACHLORIDE

INNIS, SPEIDEN & CO., Inc.
Manufacturers, Importers, Exporters of Industrial Chemicals

46 CLIFF STREET, NEW YORK

BRANCHES:

- Chicago
- Philadelphia
- Boston
- Cleveland
- Gloversville, N. Y.

FACTORIES:

- Niagara Falls, N. Y.
- Jersey City, N. J.
- Murphysboro, Ill.
- Owego, N. Y.

N, \$6.65; WG, \$7.50; WW, \$8.20. Casein imports have been increasing. Competition is keen but prices are generally quoted 10½c lb. for imported and domestic.

Rubber Chemicals

	Trend of the Market					
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony Sulfide Crim.	\$.39	\$.39	\$.39	\$.35	\$.45	\$.35
Carbon Bisulfide	.06	.06	.06	.06	.50	.10
Carbon Black	.09	.09	.12	.15	.30	.14
China Clay, Imp.	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene	82½	82½	82½	97	1.35	..
Iron Oxide, Span.	.03	.03	.03½	.04	.04½	.05
Lithopone	.06½	.06½	.06½	.06	.08	.04
Sulfur	3.05	3.05	3.05	2.50	6.50	2.75
Whiting, Dom.	14.00	14.00	14.00	18.00	30.00	11.00
Zinc Oxide, Amer.	.08	.08	.08½	.07	.09½	.09
Average	3.458	3.458	3.464	3.820	5.931	..

Sellers are stressing the point that several rubber chemicals are now selling at levels below pre-war times. They say the present time is the opportune one to take on stocks. They also state that this condition is not general to the whole line, however. No doubt, with firm orders in hand, sellers can shade current prices, but the number of such instances is becoming fewer as the Fall consuming season approaches. Some fair sized business has been reported in barytes and whiting.

Acid, Acetic—Little call other than routine demand at \$3.12@\$3.37 cwt. for 28 per cent; \$5.85@\$6.10 for 56 per cent; \$7.20@\$7.45 for 70 per cent; \$8.19@\$8.44 for 80 per cent, commercial; and \$9.98@\$10.23 for 80 per cent, pure; and \$11.00@\$11.75 for glacial.

Accelerators—Sellers report a steady consumption of this group. Aniline oil quoted unchanged at 16c@17c lb. works, and 17c@18c lb. spot. Thiocarbanilide, 27c@29c lb. spot. Diphenylguanidine, \$1.10@\$1.15 lb. spot. Hexamethylene is in fair demand at 82½@85c lb. spot. Litharge is in ample supply with holders naming 10½c @11c lb. spot. Quinoidine is quiet at 40c lb. spot in drums.

Colors and Compounding Materials—Antimony sulfuret remains active at 19c@24c lb. spot for golden, and 39c@50c lb. for crimson material. Blanc fixe, 4c@4½c lb. f.o.b. New York. Carbon black is quiet though steady at 9c@10c lb. spot for lcl in cases; 10c@11c lb. for air floated; and 9c@10c lb. for compressed material. Magnesium carbonate is steady at 8¼c@8¾c lb. spot; and calcined, 5½c@6c lb. Talc is unchanged at \$14@ \$15 ton works or \$25@\$26 ton ex-warehouse; French, \$40@\$45; and Italian, \$60@\$80 ton. White barytes is in active demand at \$29@\$34 ton for imported, and \$23@\$25 ton works for domestic material. Whiting is also active at \$13@\$15 ton for domestic, and \$18@\$19 ton for imported. Zinc oxide is quoted at 8½c@9c lb. spot.

Mineral Rubber—In small demand at \$35@\$75 ton as to quality.

Solvents—C. P. acetone firm at 16c@17c lb. works. Benzene, pure, is firmer at 26c gal. works in tanks, and 30c gal. in drums. Ninety per cent material is higher at 24c gal. in tanks, and 28c gal. in drums.

Sulfur—Demand routine with holders naming \$3.05@\$3.30 cwt., and superfine, \$2.50@\$2.90 cwt.

JHF & G

Antimony Oxide

The HARSHAW, FULLER
& GOODWIN CO.
Hanna Building, Cleveland

New York
Philadelphia
Chicago

Cincinnati
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DIPHENYL-GUANIDINE

The tough tread that is required for balloon tires is secured with Diphenyl-Guanidine. Join the increasing army of Diphenyl-Guanidine users.

DOVAN CHEMICAL CORP.
THIRTY CHURCH STREET NEW YORK

Represented by

J. A. Kendall, Akron, Ohio; J. E. Odell, Boston, Mass.; American Oil & Supply Co., Trenton, N. J.; T. E. O'Reilly, Ltd., Toronto; Martin, Hoyt & Milne, San Francisco and Los Angeles; Buckleton & Nourry, Ltd., 13 Rumford St., Liverpool, England.

SEPTEMBER 24, 1924

Goodyear Export Co., Akron, O., subsidiary of Goodyear Tire and Rubber Co. has been reincorporated at a capitalization of \$6,615,000. The new corporation is to be known as the Goodyear Rubber Plantations Co. The move, according to Charles A. Stillman, secretary, combined under one head the Goodyear Far East organization with the organizations handling the Good-year Sumatra rubber plantations.

Production of tires in the Akron district exceeds 90,000 tires a day and is believed in some quarters to have reached 95,000, which compares with 110,000, the peak during the early spring months. It is impossible to obtain the actual production figures because manufacturers are reluctant to state these definitely.

Textile Chemicals

Trend of the Market

	Last	Last	Last	War	Pre.	
	Today	Week	Month	Year	Peak	War
Acid, Acetic, 28%	\$3.12	\$3.12	\$3.12	\$3.38	\$17.00	\$1.50
Acid Oxalic	.09 $\frac{1}{2}$	.09 $\frac{1}{2}$	.09 $\frac{1}{2}$	.12	.70	.07 $\frac{1}{2}$
Bleaching Powder	1.90	1.90	1.90	1.50	9.50	1.50
Copper Sulfate	4.60	4.60	4.60	5.30	20.00	4.50
Epsom Salt, U.S.P.	2.15	2.15	2.15	2.25	4.25	1.50
Glauber's Salt	1.25	1.25	1.20	1.25	2.50	.80
Potash, Caustic, Imp.	.07	.07	.06 $\frac{1}{2}$	.07 $\frac{1}{2}$	.87	.12
Soda Ash, 58% wks.	1.38	1.38	1.38	1.45	1.10	.69
Soda Caustic, 76% wks.	3.10	3.10	3.10	3.16 $\frac{1}{2}$	9.50	1.80
Sodium Bichromate	.06 $\frac{1}{2}$	.06 $\frac{1}{2}$	.07	.08	.46	.04 $\frac{1}{2}$
Average	1.778	1.778	1.778	1.735	4.800	1.42

While a little improvement is reported in the textile industry buying is still on a narrow scale and mainly in moderate quantities. Prices have been holding fairly

steady and firm. Caustic potash has been the strongest item on the list and bichromates the weakest.

Acids—Slightly better movement is reported. Acetic acid buying is on a broader scale at \$3.12@\$3.37 for 28% in barrels; 56%, \$5.85@\$6.10; glacial, \$11.01@\$11.76; lactic is steady at 5c@5 $\frac{1}{2}$ c lb. for 22% dark and 5 $\frac{1}{2}$ c@6c lb. for light; 44%, dark, 10 $\frac{1}{2}$ c@11c lb.; oxalic is unchanged, 9 $\frac{1}{2}$ c@10c lb.; formic is slightly easier, 12c@12 $\frac{1}{2}$ c lb. for 85 and 90%; mineral acids are firmer in price.

Alkalies—Deliveries are reported on a broader scale from the works. Competition is evident in lcl business. Makers' prices for contract business are unchanged. Soda ash, 58%, light, in carlots at works, \$1.25 in bulk, \$1.38 in bags, and \$1.63 in barrels; less than carlots around New York, \$2.04@\$2.19 in bags, delivered; barrels, \$2.29@\$2.44. Contract business in caustic soda solid, \$3.10 for carlots at works; ground and flake, \$3.60; lcl business, New York, \$3.76@\$3.91, delivered, and ground and flake, \$4.16@\$4.31.

Bleaches—While present prices of bleach and liquid chlorine are firm, contract customers are understood to be anticipating more favorable prices. Business, however, has already been reported at present figures for next year. Makers are holding bleach at \$1.90 for carlots of large drums at works and \$2.05 in less carlots; small drums, \$2.15@\$2.30. Liquid chlorine is steady, 4 $\frac{1}{2}$ c lb. in tanks, works; carlots of cylinders, 5 $\frac{1}{2}$ c lb., less carlots, 6 $\frac{1}{2}$ c lb., and ton lots or less, 7 $\frac{1}{2}$ c lb.

Chemicals—Potassium bichromate is moving at 8 $\frac{1}{2}$ c@9c lb., and sodium, 6 $\frac{1}{2}$ c@7c lb.; white sal ammoniac, 6 $\frac{1}{2}$ c lb. for imported, and 7 $\frac{1}{2}$ c lb. for domestic. Copper



Aero Brand

Yellow Prussiate of Soda Yellow Prussiate of Potash

A new method of production ensures the highest purity, in small crystals as well as large.

Raw materials, all of our own manufacture, and large production capacity, guarantee a dependable source of supply, at favorable prices.

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511 Fifth Avenue

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17 State St., New York

For shipment to other countries:
Victor Blagden & Co., Ltd.,
Coronation House, 4
Lloyd's Ave., London,
Cable Address:
Blagdenite, London



sulfate continues firm at 4½c lb. for imported, and 4¾c lb. for domestic. Epsom salt is firmer with imported technical, \$1.40, and U.S.P., \$1.75@\$2.00; domestic technical, \$1.75@\$2.00, and U.S.P., \$2.15@\$2.50; Glaucon's salt firmer, \$1.25@\$1.50; caustic potash is firm at 7c lb. for small lots; potassium permanganate held at 13½c@14c lb.; potassium prussiate, 17½c@18c lb.; sodium prussiate, 9½c@9½c lb.; sodium nitrite, firm, 9c lb.; sodium acetate, steady, 4½c@5c lb.; trisodium phosphate, 4c lb.; tin crystals unchanged, 37½c lb., though lower prices are expected next month due to lower tin prices in Sept.

Starches and Dextrines—Fair activity is reported at unchanged prices. British Gum, \$4.82@\$4.92; corn dextrine, \$4.52@\$4.62; yellow, \$4.57@\$4.67; potato dextrine higher, 8c lb.; corn starch, powdered, \$3.97@\$4.07; pearl starch, \$3.87@\$3.97; potato starch, 6½c lb.

It is generally expected that the chemical and dyestuffs trades will feel some improvement in business as the result of New England Week, which was observed all over New England last week. Retail demand for all sorts of dry goods was stimulated considerably and this is certain to be reflected in the primary market as dealers stocks have been light. Shoes also came in for a good demand so that indications are for continuance of the marked improvement noted during the last two or three weeks. Commenting on the general business situation in New England the Federal Reserve Bank of Boston in its report just issued notes a decidedly optimistic tone.

The Getchell starch factory, Caribou, Me., operated by R. L. Pitcher, Inc., was destroyed by fire on Sept. 3.

ATLANTIC DYE PLANT BRINGS \$48,250

The financial statement of Atlantic Dyestuffs Co., Newington, New Hampshire, which filed a bankruptcy petition on Aug. 1 and which was sold on Sept. 15 to Albert C. Burrage of Boston, showing the condition of the company as of Dec. 31 has just been filed. It shows:

Real estate	\$395,474	Capital	\$500,000
Machinery	113,209	Acc'ts payable....	96,441
Merchandise	426,607	Notes payable	339,458
Cash	10,462	Containers credited	
Acc'ts receivable..	52,333	to customers ...	281
Mortgages	1,084	Mortgage to se-	
Deferred exp.	6,677	cure bonds	267,125
Furniture, fixtures	2,459	Reserved for taxes	9,943
Vehicles	2,616	Accrued expenses.	29,931
Trustees funds ...	1,635	Surplus	35,780
			\$1,278,959
			266,404
			\$1,012,555

On Aug. 1 the company showed liabilities of \$885,000 and assets of \$405,000. Albert C. Burrage purchased the plant and property for \$48,250, but it has been impossible to obtain any statement from him. Charles D. Burrage, of Boston, is treasurer of the company.

Full time operation has been ordered in Star Worsted Mills at Fitchburg, Mass., and in Sanford Mills at Sanford, Me., where 2,500 operatives are employed.

Workers in the cotton section of Amoskeag Mfg. Co., Manchester, N. H., have accepted 10 per cent. wage cut.



Grasselli Quality Dyes
contribute to the sup-
port of the consuming
industries.

GRASSELLI DYESTUFF CORPORATION

117 Hudson Street, New York

Boston
Chicago

Providence
Charlotte

Philadelphia
San Francisco

[SEPTEMBER 24, 1924]

NEW CLASSIFIED DYE LIST ISSUED

**Imports During March, April, May, June and July
Designated as Competitive and non-Competitive**

A supplementary list of dyes and chemicals imported in March, April, May, June and July, which have now been classified as competitive or non-competitive, has been issued by the Chemical Division of the Bureau of Foreign and Domestic Commerce in conjunction with the Chemical Division of the Tariff Commission, as follows:

Dyes Imported in March

Vat Brown RRT Paste	N C
Vat Green GG Double Paste	N C
Vat Green G Double Paste	N C
Vat Brilliant Blue R Paste	N C
Vat Orange RRT Paste	N C
Vat Golden Orange G Double Paste	N C
Vat Red RK Paste	N C
Anthra Yellow GC Paste	N C
Anthra Yellow GC Powder	N C
Anthra Bordeaux R Paste Fine	N C
Cotton Red 4 BX	C
Rhodamine B Extra Base	C
Victoria Blue B Base	C
Acid Violet 6 10 B	N C
Anthracene Blue SWGG Powder	N C
Vat Pink B Double Paste Fine	N C
Vat Brilliant Violet RRP Powder	N C
Vat Orange RRT Paste Fine	N C
Poseidon Blue BGX Conc.	C
Brilliant Indigo B Paste	N C

Chemicals Imported in March

Ludigol	N C
Dyes Imported in April	
Vat Red R Extra Powder	N C
Benzo Fast Yellow RL	N C
Diazo Brilliant Green 3G	N C
Vat Red RK Paste	N C
Vat Golden Orange G Double Paste	N C
Vat Golden Orange RRT Paste	N C
Hydron Green G Paste	N C
Diamine Orange B	N C
Hydron Brown G Paste	N C
Diamine Fast Brown G	N C

Diamine Fast Brown G	N C
Diamine Orange B	N C
Naphthol Black BGN Conc. for printing	N C
Hydron Brown R Paste	N C
Diamine Brilliant Blue	N C
Brilliant Milling Blue FG	N C
Vat Red RK Paste	N C
Vat Golden Orange RRT Paste	N C
Vat Red R K Paste	N C
Diamine Fast Brown GB	N C
Benzo Fast Grey BL	N C
Vat Golden Orange RRT Paste	N C
Vat Brown G Paste	N C
Vat Red RK Paste	N C

Chemicals Imported in April

Fast Black B Base	N C
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Dyes Imported in May

Benzo Dark Brown Extra	N C
Brilliant Benzo Violet 2 R	N C
Benzo Fast Blue 4 GL	N C
Brilliant Sky Blue 8 G Extra	N C
Delta Purpurine 5 B	N C
Vat Brown 3 R Paste	N C
Neptune Blue BGX Conc.	N C
Indanthrene Brown 3 R Paste	N C
Vat Golden Orange g Double Paste	N C
Anthra Yellow GC Paste	N C
Vat Golden Orange G Double Paste	N C
Vat Golden Orange RRT Paste	N C
Alizarine Blue Black B Powder	N C
Pilatus Chrome Brilliant Violet B	N C
Anthra Wool Black T Vat Soloid	N C
Anthra Wool Black 3 B Vat Soloid	N C
Anthra Wool Black CM Vat Soloid	N C
Vat Golden Orange RRT Paste	N C
Anthra Red RT Paste	N C
Diazo Fast Violet 3 RL	N C
Vat Green BB Paste	N C
Vat Brown GG Paste	N C
Vat Corinth RK Paste	N C
Vat Orange RPK Powder	N C
Rhodamine 6 GDN Extra	N C
Stone Fast Orange R Powder	N C
Hydron FF Paste	N C
Hydron Pink FF Paste	N C
Hydron Scarlet 3 B Powder	N C
Coeruleine S Powder	C

Chemicals Imported in May

Ludigol	N C
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**CHEMICAL
SEABOARD
COMPANY**

Methanol
(Wood Alcohol)

Acetic Acid
(All Grades)

Acetate of Lime

Seaboard Chemical Co.
90 WEST STREET
NEW YORK

Tel. Rector 4090—4091 Cables Seaboard, N. Y.

**COAL TAR
PRODUCTS**

**CRESYLIC
ACID**

of our own
Manufacture

JAYNE & SIDEBOTTOM

INCORPORATED

17 BATTERY PLACE NEW YORK CITY

Selling Agents For

COOPERS CREEK CHEMICAL COMPANY
WEST CONSHOHOCKEN, PA.

Dyes Imported in June

Alizarine Blue Black B Powder	C
Diamond Black P 2 B Conc.	N C
Brilliant Benzo Green B	N C
Alizarine Indigo Green G Paste	N C
Algol Blue F B Paste	N C
Vat Golden Orange G Double Paste	N C
Alizarine Sky Blue B Powder	N C
Ultra Orange R	N C
Alizarine Orange RP Paste	N C
Vat Blue S G Paste	N C
Sulphur Brilliant Blue CLB	N C
Metachrome Olive D	N C
Guinea Brown 2 R	N C
Eriochrome Azurol BX Conc. 1045	N C
Modern Green N	N C
Vat Violet BN Powder	N C
Ciba Violet B Paste	N C
Ciba Heliotrope B Paste	N C
Ciba Scarlet G Extra Powder	N C
Vat Pink B Double Paste	N C
Brilliant Benzo Violet 2 R	N C
Alizarine Sky Blue B Powder	N C
Alizarine Blue S Powder	N C
Janus Brown B	N C
Dianil Pure Blue P H	N C
Vat Golden Orange G Double Paste	N C
Alizarine Indigo Black B Paste	N C
Anthra Red RT Paste	N C

Chemicals Imported in June

Kresidine	N C
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Dyes Imported in July

Chlorantine Fast Brown RL	N C
Vat Red RK Paste	N C
Ciba Violet B Powder	N C
Ciba Violet R Paste	N C
Rosanthrene Violet 5 R	N C
Anthra Red RT Paste	N C
Alizarine Sky Blue B Powder	N C
Cyananthrol BGACO	N C
Ciba Bordeaux B Powder	N C
Cibanone Yellow R Powder	N C
Direct Cutch Brown GR	N C
Chlorantine Fast Brown RL	N C
Alizarine Astrole B Powder	N C
Alizarine Astrole B Powder	N C
Vat Red RR Paste	N C
Direct Cutch Brown GR	N C
Cibanone Yellow R Powder	N C
Chlorantine Fast Brown 3 GL	N C
Indanthrene Red BN Extra for laque	N C
Vat Red BN Extra	N C
Ciba Heliotrope B Powder	N C
Ciba Bordeaux B Powder	N C
Cibanone Black 2 G Powder	N C
Kitone Pure Blue V	N C

Chemicals Imported in July

Heliotropine	C
Caffeine Sodium Benzoate	C
10 cc Epinine	C
25 cc Epinine	C
Sodium Salicylate Natural	C
Homatropine Hydrobrom	C
Enesol	N C
Dimethylhydroquinone	N C
Musc P C	N C
Musc Ambrette	N C
Phenylethyl Alcohol	N C
Vanilline	N C
Musc Ketone Synthetique	N C
Benzyl Acetate	N C
Acetyltoluene	N C
Coumarine	C

Judge Runyon in the United States District Court at Newark, N. J., directed creditors of Virginia-Carolina Chemical Co. to show cause Sept. 29 why 200 shares of stock of Dothan Guano Co., of Dothan, Ala., should not be sold for \$20,000. The order was obtained by counsel for the receivers, Arthur T. Vanderbilt of Newark, and Charles G. Wilson, president of the chemical company. It is said in the petition that W. D. Malone, of Dothan, desired to purchase the stock of the Alabama company now held by Virginia-Carolina Chemical Co.

United Drug's advance last week was credited to one of the various new pools which have been formed to mark up prices of specialties. The stock is so closely held that the floating supply is small. Clever manipulators can bring about an advance when general speculative conditions are favorable. Sales in July reached a total of \$5,807,785 or \$268,838 more than those of the corresponding month last year. Each month this year has seen larger gross earnings than last year.

Financial Notes

Barrett Co. has filed judgment for \$140.41 in New York county against Edwin G. Hatch.

Lignum Chemical Works has filed judgment for \$175.63 in New York County against Joseph Pietkiewicz.

Parke, Davis & Co. have declared a quarterly dividend of \$1 a share, payable Sept. 30 to holders of record Sept. 20.

Tower Manufacturing Corp. has declared an initial quarterly dividend of 50 cents on common, payable Nov. 1 on stock of record Oct. 15.

Procter & Gamble Co. has declared a quarterly dividend of 2% on the 8% preferred stock, payable Oct. 15 to stock of record Sept. 20.

Will & Baumer Candle Co. has declared the regular quarterly dividend of \$2 a share on the preferred stock payable Oct. 1 to stock of record Sept. 20.

Shares of Duz Co., Inc., manufacturers of soap powder, have been listed on the Curb market, New York, on a "when issued" basis, at \$27 a share. William Wrigley, Jr., is the largest stockholder.

Filmoff Co. of America, incorporated under the laws of Delaware to make chemicals, has designated the Secretary of State, Albany, N. Y., as representative in New York state. The company's capital is \$100,000.

MacAndrews & Forbes Co. has declared quarterly dividends of 2½ per cent on the common stock and 1½ per cent on the preferred stock, both payable Oct. 15 to holders of record Sept. 30.

Natural Products Company of Boston, manufacturers and wholesalers of syrups, jellies and druggists sundries, reports profit and loss of \$2,416 for calendar year 1923. The company shows accounts and notes receivable \$66,599 and accounts and notes payable of \$76,730. Statement shows merchandise valued at \$64,419. Good will is carried at \$50,000.

The permit of Toyah Valley Sulphur Co., a Delaware corporation operating in Texas and Louisiana, to sell certain of its securities in California, has been revoked by Edwin M. Daugherty, Commissioner of Corporations, following a complaint of U. S. Gantz of Ukiah, Cal., and a formal hearing in the Sacramento office of the California State Department of Agriculture.

Loading of revenue freight for the week ended Sept. 6 totaled 920,979 cars, according to the American Railway Association. Due to the observance of Labor Day this was a decrease of 99,360 cars under the preceding week. Compared with the corresponding week last year the total for the week of Sept. 6 was a decrease of 7,937 cars, but an increase of 97,732 cars over the corresponding week of 1922.

The advance in Air Reduction Co.'s stock to new high ground for the year is the sequel to the declaration of an extra dividend of \$1 a share last week, in addition to the regular payment of \$1 for the quarter. It is believed that the extra dividend is preliminary to establishment of the stock on a permanent 8 per cent basis. Nothing now stands ahead of the 195,000 shares of stock since the company retired \$1,000,000 notes by conversion early this year. Earnings this year have run somewhat behind those of last, having averaged \$5.85 a share the first six months, against \$7.71 the corresponding period of 1923.

QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending Sept. 13

	Bid	Asked		Bid	Asked
*Air Reduction	87 1/2	88 1/2	Hercules Powder	84	88
*Allied Chem. & D.	78 1/2	78 1/2	Hercules Powd., pf.	103	103 1/2
*Allied Ch. & D., pf.	114 1/2	115	Heyden Chem.	2 1/2	3 1/2
*Am. Ag. Ch.	12 1/2	12 1/2	Hoover Electro	10	12
*Am. Ag. Ch., pf.	34	36	Hopker Electro, pf.	35	45
*Am. Chicle	28	28 1/2	"Household Products	34	34 1/2
*Am. Chicle, pf.	—	100	*Int. Agricult.	34	34
Am. Cyan.	95	98	*Int. Agricult., new	6	6 1/2
*Am. Cyan., pf.	75	76 1/2	*Int. Agricult., pf.	35 1/2	9 1/2
*Am. Druggist S.	5 1/2	5 1/2	*Int. Nickel	18	18 1/2
Am. Glue	34	35	*Int. Nickel, pf.	87 1/2	88
Am. Glue, pf.	101	104	*Int. Salt	68	70 1/2
*Am. Linseed	19	20	*Mathieson Alk.	38 1/2	39 1/2
*Am. Linseed, pf.	39	40	*Mathieson Alk., pf.	88 1/2	89 1/2
*Am. Metal	48 1/2	48 1/2	MacAnd. & Forbes	147	150
*Am. Zinc	8	8 1/2	MacAndrews &		
*Am. Zinc, pf.	27	28	Forbes, pf.	99	101
Archer-Dan-Mid.	20 1/2	20 1/2	Merck & Co., pf.	61	63
Archer-Dan-Mid., pf.	86	90	Merrimac	81	85
*Atlas Powder	49	50	Mulford Co.	26	32
*Atlas Powder, pf.	87	90	*National Lead	155 1/2	155 1/2
By-Prod. Co.	35	40	*National Lead, pf.	116 1/2	118
By-Prod. Co., pf.	100	103	N. J. Zinc	157	160
Canad. Ind. Al.	28	30	Niag. A., pf.	80	85
Canad. Salt	95	100	Parke, Davis & Co.	77	80
Casein Co.	60	67	Penn Salt	82	84
Celloidin Co.	55	60	Peoples Gas, Chi.	102 1/2	103
Celloidin Co., pf.	98	101	Procter & Gamble	106	109
Charcoal Iron	35	50	Procter & Gam, pf.	106	108
Ches. Mfg.	48 1/2	50	Royal Bak. Po.	138	142
Ches. Mfg., pf.	110	115	Royal Bak. Co., pf.	98 1/2	100
Clark Co., Fred	2	3 1/2	Shawinigan	4	6
Clev. Cliffs Iron	75	—	Shawinigan H.	130	132
*Com'l Solv. A.	62 1/2	63 1/2	Sherwin-Williams	284	284
*Do B.	55 1/2	56	Sherwin-Will, 1st pf.	103	105 1/2
*Corn Products	33 1/2	33 1/2	Sterling Prod.	61 1/2	62
*Corn Products, pf.	121 1/2	122 1/2	Swan & Finch	42	47
*Davison Chem.	49 1/2	49 1/2	Tenn. C. & Chem.	8	8 1/2
Dow Chem. non par	52	54	*Tex. Gulf. Sul.	77 1/2	77 1/2
Dow Ch., pf.	94	98	Union Carbide	59 1/2	—
Dow Drug Co.	150	175	*Un. Drug	90 1/2	91
Dow Drug Co., pf.	104	106	*Un. Drug 1st pf.	49	49 1/2
*Du Pont de Nem. Db.	90	93	*Un. Dyewood	—	49
*Eastman Kodak	109 1/2	109 1/2	*Un. Dyewood, pf.	—	88
*Eastman Kodak, pf.	110 1/2	—	Un. Gas Imp.	79	79 1/2
Freeport Tex.	8 1/2	8 1/2	Un. Gas Imp., pf.	57	—
*Genl. Asphalt	41 1/2	42	U. S. Gypsum	114	116
*Genl. Asphalt, pf.	85 1/2	84	*U. S. Indus. Al.	70 1/2	71
*Gold Dust	89	90 1/2	*U. S. Indus. Al., pf.	98 1/2	102
Grasselli	123 1/2	124	*Va. Car. Ch.	1 1/2	1 1/2
Grasselli, pf.	102 1/2	—	V. Vivaudou	5 1/2	5 1/2
			Will & Baumer	12	15

*Listed on New York Stock Exchange
Unlisted Stocks Through Courtesy Pynchon & Co.

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling)	\$4.366	\$4.46
France (franc)	.193	.053
Italy (lira)	.193	.044
Germany (mark) per hundred	23.80	—
Czechoslovakia (crown) per hundred	20.30	.030
Poland (zloty)	.193	.193
Japan (yen)	.499	.404
Holland (guilder)	.402	.384
Spain (peseta)	.193	.132
Belgium (franc)	.193	.050
Switzerland (franc)	.193	.189
Norway (krone)	.268	.138
Sweden (krona)	.268	.266
Denmark (krone)	.268	.169
Argentina (peso)	.424	.354
Brazil (milreis)	.324	.102
India (rupee)	.495	.326
China (Silver dollar—Hongkong)	.789	.536
(Tael—Shanghai, silver)	1.086	.756
(Tael—Peking, silver)	1.156	.780

Paul M. Warburg, chairman of the board of the International Acceptance Bank, who returned from Europe recently, said: "For the first time since the close of the war I feel that Europe has turned the corner; that she has at last arrested her fatal slide downhill, and that we are witnessing the beginning of the era of her genuine and enduring recuperation."

A lien of \$2,873,534 for federal taxes was filed in Federal Court at Richmond, Va., last week, against assets of Virginia-Carolina Chemical Co. The government claims this amount is due for additional corporation income taxes for the fiscal year ending May 31, 1919.

New Incorporations

In the Chemical, Drug, Oil Producing and Consuming Fields

Anglo-American Manufacturing Co., New York, \$25,000. To make patent medicines. H. W. Paprocki, F. M. Butchorn, F. C. Taylor, Attorney, F. L. Knorr, Albany.

Vanity, Wilmington, Del., \$45,000. To make toilet articles. Corporation Trust Co. of America.

Economy Dyeing Machine Corp., Albany, N. Y., \$20,000. J. F. Scott, P. D. Kiernan, G. T. Thomayer. Attorneys, Muhfelder & Illich, Albany.

Midland Plate Glass Co., Wilmington, Del., \$5,000,000. Colonial Charter Co.

San-I-Sal Laboratories, Wilmington, Del., \$200,000. Corporation Trust Co. of America.

Acme Match Corp., Wilmington, Del., \$125,000. Corporation Trust Co. of America.

American Standard Ink Corp., New York, \$20,000. F. J. O'Neill, Mrs. J. Carroll, Attorney, W. E. O'Neill, 6828 Narrows Ave., Brooklyn, N. Y.

American Battery Products Corp., Wilmington, Del., \$250,000. Corporation Trust Co. of America.

Colloidal Sulphur Corp., New York, \$1,050,000. To manufacture chemical compounds. U. S. Corporation Co.

Getsol Chemical Co., Bronx Borough, New York, \$10,000. S. and E. Simon, A. Vasel. Attorney, B. E. Kopelman, 280 Broadway.

National Dry Cleaning Corp., Dover, Del., \$3,000,000. Martha Ebbestad, May Belle C. Stilwell, Brooklyn; Alvina L. Paxson, Rosebank, N. Y. Corporation Trust Co. of America.

Miriamson Drug Co., Mt. Vernon, N. Y., \$20,000. L. Cheruis, E. Gang, M. Silverman. Attorneys, Katz & Levy, 38 Park Row, New York.

International Pyorrhoea Co., Rochester, N. Y., \$10,000. Dental supplies. C. F. Morley, J. R. Irwin, C. E. Redfearn. Attorney, J. F. Thomas, Rochester.

Barry Lime-Sulphur Co., Lyndonville, N. Y., \$10,000. Fertilizers. N. J. and S. Barry. Attorney, M. P. Barry, Lyndonville.

H. & R. Paper Co., Bridgeport, Conn., \$50,000. Adolph and Hirsch Reinstein, 1215 North Ave., Bridgeport.

Grenco Oil Co., Greenwood, S. C., \$50,000. Cottonseed oil. W. T. Bailey, G. P. Sloan, Herbert Allen, Greenwood.

Texel Chemical Co., New York, \$25,000, and 750 shares common stock, no par value. J. C. Sullivan, S. G. Williams, C. D. Scully. Representative, J. Williams, 2 Stone St., New York.

Chemico Cement Color Co., Los Angeles, Cal. No capital stated. To make cement colors and chemical specialties. H. Mibielle, 6710 Miramonte Boulevard. Office of company 114 Larchmont St., Los Angeles.

Glass-Lined Products Co., Inc., Newark, N. J., \$5,000,000, and 10,000 shares common stock, no par value. Walter D. Craft, John W. Keran, Walter C. Smith. Representative, John A. Bernhard, Prudential Building, Newark.

Spa-Nola Products Co., American Building, Baltimore, Md., \$100,000. Harry K. Brooks, John T. Goldwine, Levi A. Thompson. New York Insecticide Co., New York, \$100,000. S. Fandauer, I. G. Rowley, C. H. Pettis. Attorneys, Coe & Harcourt, Medina, N. Y.

Carolina Chemical Products Co., Burlington, N. C., \$18,000. Schuyler W. Stitts, Jones R. Frederick, Hillsboro, N. C.; Julius R. Horden, Burlington.

Dimm-Cogill Corp., Philadelphia, \$100,000. Paints, oils, varnishes. Charles R. Dimm, J. Ray Quinn, H. F. Cogill, Philadelphia. U. S. Corporation Co., Dover, Del.

Kyle Oil Mill Co., Inc., Kyle, Tex., \$40,000. W. D. Hart, W. B. Breniger, J. B. Pearson, Kyle.

Canadian Incorporations

Distillers Corporation, Ltd., Montreal, \$1,000,000. To manufacture alcohols and chemicals. Racul Raymond, Joseph A. Charmonneau, Jacques Perron.

Dorais Orange Juice Ltd., Montreal, \$100,000. To manufacture orange juice. Frank Callaghan, Dorothy Quinton, Louise Edwards.

Standard Chemicals, Ltd., Toronto, \$3,500,000. To manufacture chemicals, spirits, explosives. James L. Ross, Arthur W. Holmsted, Douglas L. Ross.

Burdary, New York, \$50,000. Toilet articles. M. Gluck, M. K. Jacobs. Attorney, E. L. Jacobs, 342 Madison Ave.

Medical Service Corp., Wilmington, Del., \$500,000. Hospitals. Corporation Trust Co. of America.

Devoe & Raynolds Co. reports for the six months ended June 30, 1924, net profit of \$686,872, after all expenses and reserves for depreciation, interest and other charges. After allowing for preferred dividends this was equal to \$14.62 a share earned on the common stock outstanding. The balance sheet on June 30, 1924, showed current assets of \$6,319,463, against current liabilities of \$897,510.



Drug & Fine Chemical SECTION

Wholesale Druggists Discuss Prohibition

President Moxley Denounces Cramton Bill Which Would Convert Prohibition Unit Into an Independent Bureau Responsible Only to the Secretary of the Treasury, the Busiest Man in Washington—Extraordinary Tactics of Supporters of the Bill Criticised—Samuel M. Moneypenny Tells of Highly Competitive Condition of the Drug Market During 1923—Golden Jubilee Entertainment Program Makes Gala Week at Atlantic City

(Special to DRUG & CHEMICAL MARKETS)

Atlantic City, Sept. 24.—The Golden Jubilee Convention of the National Wholesale Druggists' Association brought the largest attendance in the history of the association. The discussion of prohibition issues aroused intense feeling against the Cramton bill which would divert the Prohibition Unit into an independent bureau responsible only to the Secretary of the Treasury, and transfer the supervision of industrial alcohol from the experienced collectors of internal revenue to fanatical prohibition assistants.

Monday's registration of members and guests reached 600, the largest attendance in years. Seventy-eight played in the golf tournament in light showers. Low gross was won by J. S. Heinstner, Maryland Glass Co., Baltimore. Low net by Sewell Cutler, Eastern Drug Co., Boston. Consolation cup by B. J. Gogarty, S. B. Penick & Co., New York.

The convention opened with the address of President G. Barret Moxley, of Indianapolis.

The President's Address

President Moxley said in part:

"The year ahead, it seems to me, is one of promise. Just cause for increasing optimism appears on all sides. Abroad we see the consummation of the Dawes-Young reparation program, with its promise of real stimulus to business and industry throughout war-ridden Europe. Increasing demand for the natural export products of America should be forthcoming.

"In the drug and chemical field it is reasonable to expect some competition from European production. With the bulk of the gold of Europe in our own treasuries, we may reasonably expect that future payments for American goods and further credit will be offered in the form of European products. Drugs, chemicals and sundries, produced by cheaper labor, no doubt will be among the articles shipped from abroad. This competition will naturally tend toward lower prices on the same classes of goods produced here.

"It is with some satisfaction that I am able to report that on Sept. 3 the Federal Trade Commission issued an order of dismissal, without prejudice, of a complaint filed by the commission against the association, its officers, Board of Control, and Committee on Proprietary Goods, in 1918. Each and every one of us well knew that there was no foundation in fact for any of the

allegations made and in our answer to the complaint set forth clearly our activities. The action of the commission in dismissing the complaint is predicated upon the facts developed by their own investigation.

Denounces the Cramton Bill

"After five and a half years of experience under the Volstead Act, and following the establishment of a work-



S. D. ANDREWS
Chairman Board of Control



G. BARRET MOXLEY
President N.W.D.A.

ing agreement with the Commissioner of Internal Revenue, through the creation of the Alcohol Trades Advisory Committee, consisting of some of the most eminent and reputable men connected with our industries, we are now threatened with the complete destruction of this organization through the enactment of the so-called Cramton bill which converts the Prohibition Unit into an independent bureau responsible only to the Secretary of the Treasury, the busiest man in Washington, deprives us of our present right of appeal to the Commissioner of Internal Revenue, legislates the Alcohol Trades Advisory Committee out of existence and transfers the supervision of all users of industrial alcohol from the experienced, business like and conservative collectors of internal revenue and their highly trained deputies to the prohibition directors and their group of inexperienced assistants, often fanatically inclined, and frequently influenced by the whims of politics.

"The Cramton bill, which is being urged by the Prohibition Commissioner, backed by the lobby of the Anti-Saloon League, was rushed through the House in the closing days of the last session of Congress by the employment of parliamentary tactics so extraordinary as to impel prominent supporters of the measure to charge its managers with bad faith.

"Its passage in the Senate was prevented only by the vigilance and energetic work of the experienced Wash-

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ington representatives of the legitimate alcohol-using trades.

"The measure will again be urged in the Senate when Congress reconvenes in December. I cannot too strongly urge upon you the importance of co-operating heartily with your Legislative Committee in any measures that may be adopted to secure its defeat.

The Proposed Permit Restrictions

"A salient illustration of the present tendency in the enforcement of the prohibition laws is the attempt recently made by the Prohibition Commissioner to require manufacturers to make it a condition of the sale of their products to wholesalers that the latter, whether permit holders or not, shall agree to make such reports and submit to such inspection as the enforcement officers may demand. Refusal or failure on the part of the wholesaler to meet the requirements of the manufacturer to keep records would result in citation for revocation of the manufacturer's permit.

"This requirement is not to be found in the law, and has never been promulgated in regulation or Treasury Decision, as required by the statute, and would appear to have been withheld from such promulgation in order that it need not be submitted for the consideration of the Alcohol Trades Advisory Committee, in accordance with the standing agreement with the Commissioner of Internal Revenue."

President Moxley also discussed price maintenance and "hidden demonstrators." He said the N. W. D. A. heartily commended the efforts of the Federal Trade Commission in their attempt to correct the hidden demonstrator evil. Regarding price maintenance he said:

"There is good reason to believe, however, that there will be a marked change in the parliamentary situation at the coming session and that the leaders of the House Committee having price maintenance in charge will push this matter vigorously and will endeavor to report early in the session a well-balanced bill combining the best features of the several pending measures."

S. M. Moneypenny on Drug Market

Samuel M. Moneypenny, chairman of the Committee on Drug Market, read the report of the committee, saying in part:

"Viewed broadly, the drug market has been fairly steady throughout the past year. Barring certain outstanding exceptions fine chemicals and drugs were well maintained at fairly stable prices so far as the open quotations of manufacturers went. Botanicals were at first influenced to high price position by the high prices paid for the 1923 crop. Later, shortage in stocks brought advances in prices to the manufacturing consumer. The outlook in botanicals for the coming year is much better. The 1924 crop shows a much lower cost than that of 1923 in the domestic primary markets at least. Essential oils were irregular, feeling depression in prices at times but rebounding strongly when small stocks here encountered wider consuming demand. Gums were mostly quiet.

"In all these markets, competition was the dominant factor throughout the year. Rarely has it been keener. The winter of 1923 was 'too healthy' according to many —meaning that sales of manufactured goods had been reduced at the retail counter. Manufacturers products failed to leave the warehouses in quantities which good business would require. This in turn, reacted on raw material markets for the reason that slow moving manufactured goods made purchase of raw materials less necessary, save in special instances. It was from this condition that the highly competitive condition of the market developed."

Important reports read on Tuesday included one on

membership by C. J. De Woody; credits and collections by Lee M. Hutchins; salesmen and selling methods by Geo. B. Evans; and the report of the Harvard Bureau on operating expenses in 1923.

Election of new members took place on Wednesday at the morning session. Reports were read by Carl F. G. Meyer on fire insurance; J. L. Hopkins on the quality of medicinal products; and H. D. Faxon on proprietary goods.

An open forum was held on Wednesday to discuss national legislative problems. W. L. Crounse, Washington representative of the N. W. D. A. led the discussion by members, following the report submitted by C. Mahlon Kline, chairman of the Committee on Legislation, who reported on the work of the year.

The event of the day on which the interest of members was centered came when Dr. William Jay Schieffelin, chairman of the Special Committee on Prohibition Problems, read the committee's report and members began an open discussion of the situation with relation to the restrictions imposed on the wholesale drug trade by the Prohibition Unit, and the proposed stipulations in regard to H permits, and denatured alcohol permits.

The program for the sessions on Thursday and Friday includes reports on nominations, the election of officers and installation, and decision on the next place of meeting. Among the candidates for president is S. D. Andrews, chairman Board of Control.

Elaborate Entertainment Program

A feature of this year's program is the entertainment program, arranged by Harry J. Schnell and a committee of thirty representing the leading wholesale drug houses. The first entertainment was a concert at the Hotel Ambassador on Sunday evening by the Pennsylvania Male Quartet, assisted by the Ambassador Artiste Ensemble. On Monday a get-together meeting was held. In the afternoon the men's golf tournament took place at the Atlantic City Country Club. Exhibitions of swimming by Miss Betty Becker, the Olympic diving champion.

A reception to President and Mrs. Moxley was held on Monday evening, followed by a ball at which Mlle. Marie Gambarelli and ballet from the Capitol Theatre, New York, danced. On Tuesday a fashion show was held during the day. Forty-five artists from the Capitol Theatre gave an entertainment in the evening, and dancing followed. The ladies played mah jong at the Seaview Golf Club on Wednesday, and attended a fancy dress ball at the Ambassador in the evening.

The banquet will be held in the Renaissance Room of the Ambassador, Thursday evening, when prizes for golf, bridge, mah jong and the water sports will be awarded.

The Foreign Trade Bureau, Philadelphia Commercial Museum, Philadelphia, has received an inquiry (42,631) from the Indo-American Trading Co., Central Bank Building, Esplanade Road, Bombay, India, desiring to get in touch with manufacturers of various commodities, including chemicals, drugs, and pharmaceutical preparations.

The recommitment of the Prohibition Bureau bill at the first meeting of the Judiciary Committee, following the convening of Congress on Dec. 1, will be urged by Senator Broussard of Louisiana. The bill provides for a separate bureau of prohibition in the Treasury Department.

The navy supply officer, Brooklyn, N. Y., Navy Yard, has been authorized to purchase 2,000 bottles alum, and 2,000 bottles mercuro-chrome, as per M. and S. requisition 59.

MALLINCKRODT WARNS NARCOTIC BUYERS

Mallinckrodt Chemical Works, St. Louis, have issued the following letter to narcotic buyers in regard to the new order forms: "Accompanying this is a skeleton form of the same size as the new Treasury Department order, which is of the series of 1923, but which has only recently been issued and which is the only order now legal superseding every other blank that has been previously issued. The back of the original blank is full of detailed directions and the one that concerns us the most reads: 'Alterations—No alterations, erasure or change of any description may be made in any order or in the endorsement thereon by any person. * * * If an order is not properly prepared in every respect it must be returned to the person who executed it. Each order form returned because of improper preparation must be retained on file with the duplicate thereof and a new form prepared if the articles are still desired.' Therefore, the slightest mistake made by a customer in making out his order makes it obligatory on us to return it to him unfulfilled and to refuse to fill it if the order is changed and sent back to us."

RETAIL DRUGGISTS HAVE DRUG EXHIBIT

(*Special to Drug & Chemical Markets*)

Washington, D. C., Sept. 24.—The twenty-ninth annual convention of the National Association of Retail Druggists convened here Tuesday night at the Washington Hotel. The convention was formally opened by President J. H. Webster. Paul Pearson, president of the District of Columbia Retail Druggists Association, and Col. Robert N. Harper welcomed the delegates. In conjunction with the convention the largest drug exhibit ever shown here was opened at Convention Hall. The convention will last until Friday morning.

The Treasury Department has announced a list of capital cities of the older countries of Europe as being sufficiently well known to indicate the country of imported articles for the purpose of the marking provisions of the Tariff Act without the name of the country in addition. The official list follows: London, Paris, Berlin, Madrid, Lisbon, Rome, Athens, Constantinople, Bern, Vienna, Budapest, Brussels, The Hague, Copenhagen, Moscow, Stockholm, Christiania, Edinburgh, Dublin and Warsaw.

Lydia E. Pinkham Medicine Co.'s annual report shows \$3,088,219 total assets, including \$790,588 cash and \$1,458,533 securities; \$334,497 accounts receivable, and \$504,600 plant, equipment, stock and materials. Liabilities are \$11,200 capital stock, \$194,279 accounts payable, and \$2,882,740 surplus.

Victor Vivaudou, president of V. Vivaudou, Inc., obtained his first citizenship papers last week. Mr. Vivaudou was born in Cannes, France, forty-three years ago. He arrived in this country on Sept. 18, 1914.

The Chicago Drug & Chemical Association will hear Dr. Simon Peter Long on "What Constitutes an American," at a meeting to be held Sept. 25, at the Hamilton Club, Chicago.

Fox & Clarke, New York, have been appointed American representatives for P. Robertet & Co., Grasse, France, manufacturers of natural flower oils and specialties.

Beginning Oct. 1, France will impose a tax of 26 per cent on all German goods entering the country. This is the same tax as is imposed by England.

DOONE COSMETIC FAILURE**TO BE PROSECUTED BY TRADE**

Liabilities of \$20,000 and Assets of \$300—Creditors Can Find No Books—Biggest Essential Oil, Alcohol, and Drug Houses Victims—Goods Offered Back to Trade

The recent failure of the Doone Cosmetic Co., New York, the firm name under which Herman Horowitz, alias Joseph Doone, has been buying essential oils, alcohol, drugs, and sundries in large quantities, is to be investigated fully and if fraud is unearthed, the case will be prosecuted to the limit, according to a trade committee composed of Walter Mueller of Morana, Inc., O. A. Brown, George V. Gross, Oscar Koelbrunner of Eugene Suter & Co., and John A. Bolles of the U. S. Industrial Alcohol Co. According to a statement by the committee, "If the bankrupt proves to be crooked, let his hide be nailed up to the barn door as a warning to others."

Although the bankrupt is alleged to have issued a credit statement as of Jan. 29, showing \$20,000 assets, at the time of failure practically no assets could be found. The company is reported to have kept no books, and the facts surrounding the voluntary petition appear fraudulent, the committee states. The firm bought in a small way and discounted all bills, and then expanded orders to a few of the bigger houses, making sure to pay promptly and build up a good reputation, according to reports. It used these few houses as references for credit elsewhere. The last orders preceding bankruptcy were heavy, and it is reported, the goods were offered back in the local trade in original packages through one or two small firms at prices twenty and thirty per cent under the original cost to Doone. Brokers warned the trade of this fact several weeks before the failure, but to no avail.

A fund to prosecute the case is being collected by the committee, amounting to five per cent of the loss in each case. The official statement of the committee, signed by Walter Mueller, chairman, sent to the trade, said in part: "One of the creditors stated that certain goods that he had sold to the bankrupt were now being offered by an alleged essential oil house in his original packages and at a considerable reduction in price. Several other creditors are having similar experiences. This would seem to be additional evidence of the fraudulent nature of the bankruptcy and additional reason for subjecting the bankrupt, as well as those associated with him either directly or indirectly, to a thorough examination."

"It is suggested that, instead of acting individually, all of the creditors pool their interests and thus present a united front in the face of whatever efforts may be made by the bankrupt to avoid the full consequences of his actions. Do not give your proofs of claims to persons unknown to you or to persons who have sent proofs of claims to creditors. The creditors should act as a unit rather than as individuals."

"If the failure of the Doone Cosmetic Company is fraudulent, and everything points to that being the case, the creditors owe it to themselves as well as to all other honest business men to place those responsible for the failure where they belong—behind the bars. Credit is the foundation of business. He who threatens that foundation is a traitor to business and must be made to pay the penalty for his treason."

A. O. L. Giese, of August Giese & Son, New York, who introduced terpeneless oils into the United States, died Sept. 17 at his home in Oradell, N. J., in his 82nd year. Mr. Giese was born in Germany in 1843.

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, page 950

IMPORTED BROMIDES ADVANCE ON SPOT

Stocks Materially Reduced—Shipment Price Sharply Higher—Strychnine and Quinine Active—Formaldehyde Firmer—Cod Liver Oil Firm for Shipment—Alcohol Active—Camphor Easy—Menthol Steady—Mercury Firm

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

		Advanced					
Bromides, Imp., Ammonium,	Formaldehyde, $\frac{3}{4}$ c lb.						
2c lb.	Fusel Oil, Refined, 25c gal.						
Potassium, 2c lb.							
Sodium, 2c lb.							

Declined No Declines

	Trend of the Market					
	Today	Week	Last Month	Last Year	War Peak	Pre-War
Acetanilid	\$35	\$35	\$35	\$32	\$2.00	\$2.20
Acid Citric, Import	45½	45½	46	48	1.25	.45
Caffeine Alkaloid	3.50	3.50	3.50	4.00	18.00	3.65
Calomel, American	1.22	1.22	1.22	1.25	3.48	.90
Camphor, Jap., ref. ....	.67	.67	.68	.87	3.55	.41
Iodine, Resublimed	4.65	4.65	4.65	4.55	5.00	3.75
Menthol	13.50	13.50	13.50	20.00	13.50	3.00
Potassium Bromide, Cryst. ....	.38	.38	.38	.26	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.60	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.37
Strychnine Sulfate	49½	49½	49½	.84	2.05	.50
Average	2.38	2.38	2.37	3.03	5.92	1.56

Imported bromides have been advanced owing to active demand and firmer shipment prices. Stocks on spot have been cleaned up, and consumers are taking about all that is offered from Germany. Practically all of the supplies imported during the last four months have gone directly into consumption. The entire fine and medicinal chemical market appears to have strengthened, causing sellers to "stand pat" at current levels. Buyers are anticipating their requirements, viewing the future with more confidence. Imports last week were larger than usual, but a large number of the items have already been sold. Mercury is firm at \$72.50 per flask and up, with London naming £12 5s per flask. Some large quicksilver sales for future delivery were reported last week. One seller of acetanilid still quotes 32c pound, while others are as high as 37c lb.

Acetanilid—Quoted at 32c@37c lb. spot by makers, and resellers name 34c@35c lb. Demand has been active.

Acid, Acetylsalicylic—U.S.P. goods in steady demand at 72½c@75c lb. from resale quarters, and 75c@85c lb. from first hands. Makers report that business during July and August has been better than usual.

Acid, Benzoic—Demand routine at 75c@85c lb. spot for U.S.P. from makers, and 70c@74c from resellers.

Acid, Citric—Supplies offered more freely at 45½c@46c lb. spot for imported. Shipment figures well above spot values. Importers are bringing in little material, although last week 100 kegs were imported at New York. Domestic, 46c@47c lb.

Acid, Salicylic—Demand small at 35c lb. spot by makers, and 32c@34c lb. from resellers.

Acid, Tartaric—Market dull at 26½c@27c lb. spot for imported with replacements slightly above these figures. Most of the business has been confined to five keg orders. Domestic, 29c lb.

Alcohol—Demand has been active with makers naming 51½c@53½c gal. for No. 5 completely denatured material, and 52½c@54½c gal. for No. 1.

Alcohol, Butyl—Active at 30c@32c lb. works as to quantity. Reports are heard that the small varnish makers are now taking on steady supplies.

Amidopyrine—Steady at \$4.35@\$4.50 lb. spot for imported, and \$4.60 lb. for domestic goods.

Antipyrine—Dull at \$2.00@\$2.05 lb. spot.

Bay Rum—In steady demand at \$1.10 gal. spot for St. Thomas, and same figure for Porto Rican goods.

Bromides—Imported material has advanced sharply over the week and is now quoted as follows: Ammonium, 29c@31c lb. spot; potassium, 26c@28c lb.; and sodium, 32c@34c lb. Spot stocks well taken up, and some active future business has been reported. One sale amounted to 10 tons. Domestic unchanged at 44c@45c lb. spot for ammonium; 38c@39c lb. for either potassium or sodium material.

Caffeine Alkaloid—Demand steady with makers naming \$3.50@\$3.75 lb. spot, and resellers \$3.40@\$3.45 lb.

Camphor—Japanese slabs quiet at 67c@68c lb. spot with replacements fully equal to these figures. Lower exchange has caused the weak market to a certain extent, but one direction states that the synthetic material is giving the natural product stiff competition. Last week saw 250 cases entered at New York from Hamburg. Domestic named at 83c lb. in barrels.

Castor Oil—Market firm and active at 17c@18c lb. spot for the U.S.P. goods.

Cod Liver Oil—The first of the week saw practically no oil available on spot, but within the last few days 613 barrels have been imported at New York. The larger part of this arrival is undoubtedly already disposed of. Quoted at \$24.50@\$25.50 bbls. with shipment named at \$23.00 bbl. c.i.f. New York.

Cream Tartar—Imported in fair demand at 20½c@21c lb. spot as to seller and quantity. Last week saw 200 cases entered at New York. Domestic quoted at 21½c@21½c lb.

Cresol—U.S.P. in steady call at 22c@23c lb. spot.

Formaldehyde—Quoted higher at 9½c@9¾c lb. works in c/l, and 10½c lb. in carboys, as to seller. Resellers report an active market at 9c@9½c lb. in barrels.

Fusel Oil—Higher at \$3.50@\$3.75 gal. for refined, and \$2.25@\$2.35 gal. for crude material. Spot supplies tending scarce.

Glycerin—C.P. firm at 19c@22c lb. spot as to quantity and seller. The West appears to be higher than the East. Dynamite named at 18½c@18¾c lb. spot. Last week saw 219 drums entered at New York.

Hydroquinone—Makers report a steady demand at \$1.40@\$1.60 lb. spot as to seller.

Menthol—Imported quoted steady at \$13.50@\$13.75 lb. spot as to quantity. Primary market is firm with tendency for exporters to quote prices equal to those on spot. Offerings seldom exceed a 10 case lot. Last week saw 15 cases entered at New York from London. Part of this arrival is thought to be synthetic material. Supplies are so limited on spot, that if an order were received for 10 cases, the price would be immediately moved up.

Mercury—Quoted firm at \$72.50@\$73.00 flask spot with replacements named at \$75 flask and up. London names £12 5s flask. Reports are heard that London has been buying freely from Spain and Italy. Confirmation of same, however, could not be obtained. About 500 flasks were sold for shipment last week by one seller alone.

Papain—Refined named steady at \$2.15@\$2.25 lb. spot, and crude material \$1.80@\$1.85 lb.

Podophyllin—Market easy at \$5.25@\$5.50 lb. spot from first hands, and \$5.00@\$5.25 lb. from resellers.

Potassium Permanganate—Imported quoted easy on spot at 13½c@13¾c lb. with replacements named at 12½c lb. laid down in New York. Last week 100 drums were imported at New York. This arrival is the first for a number of months. Domestic makers are meeting imported prices at 13½c@14c lb. works, freight equalized.

Quinine—First hands report an active market at 50c oz., and resale quarters quote 47½c@49c oz.

Saccharin—In steady demand at \$1.90@\$2.10 lb. spot as to quantity.

Santonin—Quoted in better demand at \$1.45@\$1.50 lb. spot as to quantity and quality.

Strychnine—The recent advance has resulted in a better inquiry from consumers. Quoted at 71c oz. for alkaloid crystal, and 61c oz. for powdered material.

MEDICINALS IN DEMAND IN COSTA RICA

Costa Rica's importations of prepared medicines total about \$150,000 annually and of this amount about two-thirds is supplied by the United States, writes Consul H. S. Waterman, San Jose. Some of the imported liniments, catarrhal cures, and stomach remedies have been on the market for many years, widely advertised, and have given such good results that most of the poorer people seldom go to a physician for any of the complaints these remedies cure. The prevalence of malaria is claimed to be less in Costa Rica than in the surrounding countries on account of the sanitary precautions taken. There is a sanitation department of the government which installs improvements as rapidly as available funds permit. The department has made efforts toward the extermination of flies, rats, mosquitoes, and other pests.

All duties are levied on the gross weight of the article including containers. Consequently the packing should be as light as possible consistent with safety. There is a comparatively large domestic manufacture of medicinal and pharmaceutical preparations by all the drug stores in Costa Rica. It is estimated that the annual production of these products amounts to approximately \$100,000. Every conceivable prepared medicine is manufactured locally and offered as substitutes to fit the purses of the poorer people, as all imported medicines are very expensive on account of the duties.

Monsanto Chemical Works, St. Louis, have issued the September price-list, in which declines in coumarin, glycerophosphates, phenolphthalein, and phthalic anhydride are given. A review of the more important products follow: Cresylic acid is firm owing to the higher exchange rates. No large stocks of phenol exist on the American market. With the absorption of most of the resale vanillin stocks, prices are quite firm.

Exports of castor oil from India during April were 108,000 gallons, compared with 43,000 gallons for a like period in 1923.

AMERICAN PEPPERMINT OIL UP AGAIN

Advances Also on Japanese Mint Oil, Lemon Oil, Cardamoms and Shellac—Caustic Potash, Castor Oil and Camphor Firmer—Strychnine and Acetone Lower

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Sept. 24.—Business in crude drugs and fine chemicals is steady and is gradually improving. Higher prices are announced for American peppermint oil, Japanese mint oil, lemon oil, cardamoms and shellac.

Prices are firmer on caustic potash, castor oil, camphor, star anise oil and black pepper.

Creosote oil and carbolic acid are easier.

Strychnine and acetone are lower.

London, Sept. 13 (By Mail)—The chemical and drug markets show few changes of importance, but are generally firmer. Business for export has again improved, especially with the Continent, which may be accounted for by the better feeling brought about by the anticipated early application of the Dawes plan.

Oil of peppermint in tins in sympathy with New York prices has further advanced to 24s 6d per lb. c.i.f. for new crop.

Japanese mint oil is again dearer at 17s 6d per lb. present shipment, 16s 9d c.i.f.

Oil of orange Sicilian is cheaper at about 10s per lb. shipment, 9s 3d per lb. c.i.f.

Jamaica sarsaparilla, red, has advanced to 1s 9d per lb.

Chamomiles, Belgian Roman, are again lower and owing to unfavorable weather conditions and almost daily rains the quality of the new crop has deteriorated.

Fenugreek seed, Morocco, is scarce on spot and dearer at 23s per cwt.

Japanese camphor slabs are quiet and easier on spot at 2s 10d per lb. present shipment, 2s 9½d per lb. c.i.f.

Shellac is again dearer both for spot and for forward shipment, with strong upward tendency. T. N., orange closed at 305s to 310s per cwt.

Senega has been arriving more freely and is selling at 2s 10d per lb., while new crop to arrive is quoted 2s 7d per lb. c.i.f.

Citric acid, B. P. crystals, are quoted at 1s 4d per lb., and tartaric, B. P. crystals, at 1s per lb. The prices disclose a weak market which is accounted for by continued unfavorable weather conditions this Summer and Autumn.

Prussiate of potash and caustic potash have declined and may go lower. Low offers of prussiate of potash continue to be received from the Continent.

The British government tax on German imports, increased from 5% to 26%, came into operation Sept. 9. The German government undertakes to reimburse its exporters, in cash, the amount of the receipts issued by British customs authorities for the tax imposed on imports.

Major General George O. Squier said in an address before the World Congress of Scientists at Philadelphia: "If, unhappily, war should come again who shall say what limit to impose upon new ideas of attack? Just as we now give a harmless anesthetic to an individual for a surgical operation, so we may be able in the future to put a whole nation to sleep for forty-eight hours by a combination of new chemical discoveries with radio-controlled, manless airplanes."

The Department of Chemistry, University of Pittsburgh, will broadcast a series of weekly radio talks on chemical topics from the University of Pittsburgh station KDKA. The first talk is scheduled for Wednesday, Oct. 8, at 8.15 p. m.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, page 969

SPANISH SAFFRON ADVANCES SHARPLY

Owing to Higher Replacement Costs—Insect Powder Lower—Belladonna Leaves Higher—Dandelion Root Easier—Rhubarb Root Higher—Canadian and Oregon Fir Balsams Lower—Cloves Easier—Elm Bark Firmer—Caraway Seed Lower

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced	Declined
Anise Seed, Spanish, $\frac{1}{4}$ c lb.	Lycopodium, 1c lb.	
Belladonna Leaves, 1c lb.	Orange Peel, Sweet, $1\frac{1}{2}$ c lb.	
Celery Seed, 1c lb.	Rhubarb Root, 1c lb.	
Damar Gum, 1c lb.	Saffron Flowers, Spanish,	
Elm Bark, Select, 1c lb.	\$2.00 lb.	
Guaiac Gum, 4c lb.	Worm Seed, Levant, 50c lb.	
Agaric, White, 25c lb.	Condurango Bark, 15c lb.	
Anise Seed, Star, $\frac{1}{4}$ c lb.	Cubeb Berries, XX, 5c lb.	
Balsams, Canadian Fir, 25c gal.	Dandelion Root, 5c lb.	
Oregon Fir, 20c gal.	Deer Tongue Leaves, 1c lb.	
Calendula Petals, 3c lb.	Insect Powder, 1c lb.	
Caraway Seed, Dutch, $\frac{1}{4}$ c lb.	Japan Wax, 1c lb.	
Clover Tops, 1c lb.	Lobelia Herb, 4c lb.	
Cloves, Zanzibar, 2c lb.	Tragacanth Gum, No. 1, 4c lb.	

	Trend of the Market					
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, U.S.P.	\$39	\$39	\$39	\$50	\$90	\$12
Buchu Leaves, Short ....	.76	.76	.75	.90	4.00	.85
Cantharides, Russian.....	.90	.90	.90	1.75	9.00	2.10
Cocculus Indicus .....	.03	.03	.03	.03	.85	.03
Ergot, Spanish .....	.31	.31	.31	.40	4.50	.54
Insect Powder, pure .....	.46	.48	.45	.64	1.00	.28
Ipecac, Cartagena, Powd.	2.75	2.75	2.25	1.90	4.50	1.35
Nux Vomica .....	.05	.05	.05	.06	.14	.07
Opium gum	12.00	12.00	12.00	8.00	30.00	5.00
Rhubarb Root, H. D. ....	.35	.34	.29	.40	1.75	.15
Tragacanth, No. 1, ribbon.	1.16	1.20	1.20	1.48	6.00	1.80
Wild Cherry Bl., thin nat. ....	.08%	.08%	.08%	.11	.31	.07
Average	1.62	1.62	1.57	1.35	5.28	1.00

Supplies of crude drugs with few exceptions appear ample for present needs. The advances registered last week were based mostly on a replacement value rather than an actual spot scarcity. However, sufficient scarcities exist at the present time to keep alive interest in the crude drug market. Round lot sales last week were the exception rather than the rule. The declines outnumber the advances by about two to one. This condition cannot be taken as a criterion, because trading has been restricted over a narrow range, and the true status of the market cannot be accurately determined. Dealers are looking forward to a steady absorption of material from now until the beginning of the year. The foreign situation still remains firm, and sellers are not anxious to shade prices in spite of the well known fact that fair stocks of practically all the foreign botanicals are being carried on spot.

Aconite Root—Supplies ample for current needs at 39c@41c lb. spot as to quantity. Leaves, 10c@12c lb.

Agar Agar—Holders on spot are making sales at \$1.58 @ \$1.60 lb. for No. 1 material, and \$1.35 lb. for No. 3 goods. Shipment remains same as last week. Offerings, however, appear to be less plentiful.

Agaric—White lower at \$2.40@\$2.50 lb. spot as to quantity. One lot was offered at \$1.95 lb. the first of the week.

Aloes—Curacao firm and tending scarce at 10½c@11c lb. spot as to quantity. Supplies strongly held both on spot as well as in primary market.

Althea Root—Cuts named at 22c@24c lb. spot, and whole at 8c@9c lb.

Anise Seed—Spanish has advanced and now quoted at 14½c@15c lb. spot as to quantity and seller due to reduced spot stocks as well as higher import costs. Star named lower at 11c@11½c lb.

Arabic Gum—Amber sorts in fair demand at 11½c@12c lb. spot.

Balm Gilead Buds—While some sellers are quoting 40c lb. spot, others name 43c lb. as inside.

Balsams—Oregon Fir has declined sharply on small buying and easier prices in the country. Now quoted at 90c@\$1.00 gal. spot as to quantity and seller. Canadian Fir also lower at \$10.75@\$11.00 gal. For other balsams, see Essential Oil Markets.

Belladonna Leaves—Market higher at 24c@25c lb. spot with one house naming the maximum as the inside figure. Demand active from consuming quarters.

Benzoin Gum—Sumatra has advanced and now quoted at 23c@24c lb. spot as to quantity. Import cost is slightly below 23c lb. Supplies scarce owing to the rejection of several lots on spot.

Blueflag Root—In steady demand at 30c@32c lb. spot as to quantity.

Buchu Leaves—Dull and easy at 76c@78c spot for bales, and 81c@83c lb. for less.

Calendula Petals—Sharply lower at 18c@20c lb. spot as to seller.

Cannabis—True off the market. New arrivals are expected in a few weeks. U.S.P. named active at 70c@85c lb. spot, and no assay at 40c@50c lb.

Caraway Seed—Dutch easier at 10c@10½c lb. spot, and African 9½c@10c lb.

Cascara Amarga—In small supply at \$2.50 lb. spot.

Cascara Sagrada—Market has firmed up slightly, although price of 15c@16c lb. spot remains unchanged for 1924 peel. Older barks range from 18c@24c lb. Coast is quoted at 12c up to 12½c lb. f.a.s. The first of week firm offers were being made at 11c lb. f.a.s., but were later withdrawn. England, who has been a large buyer, is not taking on anything at the moment, according to reports.

Celery Seed—Spot market has firmed up and now best price is 32c@33c lb. as to quantity and seller. Buying has been more active, resulting in a firmer primary market.

Chamomile Flowers—Roman easy at 40c@42c lb. spot, and Hungarian 7c@7½c lb.

Cinchona Bark—Broken tending scarce at 23c@24c lb. spot as to quantity.

Cloves—Zanzibar easier at 26c@27c lb. spot. A revision on the new crop estimates place the output around 200,000 pounds.

Condurango Bark—Sharply lower at 19c@22c lb. spot.

Cubeb Berries—Have declined and now offered freely at 60c@65c lb. spot for whole, and 63c@65c lb. for powdered material.

Damar Gum—Has advanced to 25c@25½c lb. spot.

Damiana Leaves—Firm at 14c@15c lb. spot.

Dandelion Root—Market has been lowered to 40c@45c lb. spot with shipment named well inside these figures. Supplies are scarce now, but offerings for shipment are numerous enough to keep prices down on spot.

Deer Tongue Leaves—Lower at 9c@9½c lb. spot.
Dogwood Bark—Jamaica firm at 10c@11c lb. spot.
 All of the cheap material has been taken off the market.

Elm Bark—Select generally quoted at 26c@27c lb. spot, although one house is naming as high as 28c lb.

Ergot—Firm and active at 31c@32c lb. spot.

Gentian Root—In small demand at the moment at 8c@8½c lb. spot.

Guaiac Gum—Higher at 42c@44c lb. spot.

Henbane Leaves—Have declined and now quoted at 27c@29c lb. spot.

Insect Powder—Market has eased off further and now 46c@48c lb. spot can be done. Little information is coming out of Japan. Last quotation heard was 36½c lb. c.i.f. New York. Buyers are willing to pay around 33c lb., but at a late date, they have been unwilling to meet the current quoted price.

Ipecac Root—Rio firm and active at \$2.35@\$2.40 lb. spot for whole, and \$2.40@\$2.50 lb. for powdered material. Spot stocks are fast becoming cleaned up.

Japan Wax—Lower at 16½c@17c lb. spot as to quantity and seller.

Lobelia Herb—Sharply lower at 26c@28c lb. spot.

Lycopodium—Higher at 33c@34c lb. spot owing to active demand.

Musk Root—Quoted firm at \$2.25@\$2.50 lb. spot as to seller and quantity.

Orange Peel—Sweet higher at 10c@11c lb. spot, and bitter at 7½c@7¾c lb.

Rhubarb Root—Whole has advanced and now quoted at 35c@37c lb. spot, and powdered at 38c@40c lb. Will probably remain firm as long as the Chinese situation is unsettled.

Saffron Flowers—Spanish has advanced and holders name \$39@\$40 lb. spot as to quantity. Demand active and import cost has advanced. American, 72c@75c lb.

Seneca Root—In demand at 57c@59c lb. spot. Export inquiry has also been active.

Tragacanth Gum—Quoted lower at \$1.16@\$1.20 lb. spot for No. 1 goods, and No. 2 to 6 ranging from 90c@\$1.16 lb.

Worm Seed—Levant has advanced and now holders want \$4.00@\$4.50 lb. spot.

Asserting her health has been seriously and perhaps permanently impaired as a result of inhaling lice powder which escaped from a broken mail pouch in the Moody, Mo., postoffice where she was postmistress, Mrs. Mary Trett has filed a suit in the Howell County Court at West Plains against the L. D. LaGear Medicine Co., of St. Louis. She asks \$10,000 damages, alleging that improper packing allowed the powder to escape.

The spice market is quiet; the distributive trade in manufactured goods is broad and active, as may be expected at this season of the year, but the trading in whole spices in this market is much narrower for several reasons—the chief of which is that practically no spot stocks exist, which means that traders are inactive, according to John Clarke & Co., New York, spice brokers.

Isaac V. S. Hillier, president of R. Hillier's Sons Co., New York, importers and millers of crude drugs, has returned to his office after a few days illness.

The bureau of supply, Treasury Department, Washington, D. C., will receive bids until Sept. 30, for a quantity of drugs, as per Circular 1,014.

CHILE'S MEDICINAL IMPORTS SUPPLIED PRINCIPALLY BY GERMAN MANUFACTURERS

Morphine, Strychnine and Quinine in Demand—Foreign Firms Have Established Branch Factories in Chile to Avoid the Tariff—United States Trade in Pharmaceuticals Improving

Chile's requirements in crude drugs are met chiefly by the United States, Germany, and France. Large quantities of pharmaceutical products are manufactured by domestic concerns and by foreign firms which have established branch factories in the country to avoid the payment of duties. Two of the largest domestic manufacturers of medicinal specialties also handle foreign remedies, including American preparations, and by keeping in close touch with druggists and physicians, are able to furnish nearly everything needed in their respective localities, says the Chemical Division, Bureau of Foreign and Domestic Commerce.

The total imports of drugs, medicines and bacteriological products in 1922 equalled 2,253,000 gold pesos. The leading imports were morphine and salts, 6,760 grams, over two-thirds of which came from Germany; strychnine and salts, 6,750 grams, of which 6,100 grams came from Germany; quinine and salts, 151,535 grams, of which 13,400 grams came from the United States and 82,145 grams from Germany. The total imports of pharmaceutical products and medicinal preparations aggregated 435,216 kilos in 1922.

The United States exports of drugs and medicines to Chile in 1923 showed a decided improvement when all the individual items recorded advances and the total value rose from \$161,705 in 1922 to \$279,578 in 1923.

WHOLESALE DRUG PRICES ADVANCING

A further upward movement of wholesale prices is shown for August by information gathered in representative markets by the United States Department of Labor through the Bureau of Labor Statistics. The bureau's weighted index number, which includes 404 commodities or price series, rose to 149.7 for August, compared with 147.0 for July and 150.1 for August, 1923. Chemicals and drugs compare as follows: The index number for August, 1924, is 130.1, compared with 126.5 in July, this year, and 127.4 in August, 1923. Of the 404 commodities or price series for which comparable data for July and August were collected, increases were shown in 167 instances and decreases in 99 instances. In the case of 138 commodities no change in price was reported.

Exports of cloves from Zanzibar during 1923 were 200,646 cwt., the largest on record with the exception of 1915, when 227,013 cwt. were exported, according to a trade report of the Zanzibar Protectorate for 1923, which says: "The enhanced value of exports was due almost entirely to the heavy shipments throughout the year, and to the high average price which, in spite of the abnormal crop, this commodity continued to command. During 1923, The United Kingdom was the largest buyer, taking 78,708 cwt.; India, 68,194 cwt.; United States, 32,168 cwt.; Netherlands, 7,875 cwt.; France, 4,936 cwt.; and Germany, 3,800 cwt."

E. E. Bruce, 77, president and treasurer of E. E. Bruce & Co., wholesale druggists of Omaha, Neb., died in that city on Sept. 11 after an illness of more than a year. He was born in Hillsboro, O., in 1847. He established the Bruce company at Ottumwa, Ia., and after some years of successful business there, moved it to Omaha.

The Essential Oil Market

Current Spot Quotations of Essential Oils, page 973; Aromatic Chemicals, page 976

OIL LEMON HIGHER ON ACTIVE BUYING

Now Quoted for Shipment at 82c lb. c.i.f.—Oil Cassia Again Higher—Artificial Musks Cut Sharply—Expressed Oil Limes Firmer—Oil Cedar Wood Higher—Oil Anise Active—Oil Lavender Advances Sharply—Oil Caraway Easier

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Oil Anise, U.S.P., 5c lb.	Oil Lemon, Italian, 2c lb.
Oil Cassia, Redistilled, 10c lb.	Oil Limes, Expressed, 15c lb.
Oil Cedar Wood, 3c lb.	Oil Spearmint, 25c lb.
Oil Eucalyptus, 2c lb.	Oil Wormseed, 25c lb.
Oil Lavender, U.S.P., \$1.00 lb.	

Declined

Oil Caraway, 25c lb.	Oil Linaloae, 10c lb.
Oil Cumin, 50c lb.	Oil Orange, Italian, 5c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre War
Oil Bergamot	\$3.40	\$3.40	\$3.50	\$2.60	\$7.00	\$5.00
Oil Citronella, Ceylon	.75	.75	.78	.69	.92	.60
Oil Cloves	1.90	1.90	2.00	2.10	3.70	1.40
Oil Lemon, Italian	.82	.80	.80	.75	1.70	2.00
Oil Peppermint, Nat.	6.00	6.00	4.35	2.90	9.00	2.25
Oil Sandalwood, E. I.	6.15	6.15	6.20	7.35	13.00	3.25
Oil Sassafras, Artif.	.35	.35	.35	.44	1.00	.26
Benzaldehyde, U.S.P.	1.50	1.50	1.50	1.50	5.15	1.50
Coumarin	3.25	3.25	3.25	4.50	31.00	3.10
Methyl Salicylate, Cana.	.47	.47	.47	.47	1.00	.99
Vanillin	.49%	.49%	.49%	.40	.95	.20
Average	2.28	2.28	2.14	2.17	6.83	2.05

Increased consuming interest in essential oils has been apparent during the week. Although the volume has not been up to other recent weeks, prices have been moved up in a number of items due to scarcity as well as higher import costs. Buyers are inquiring for larger lots, and sellers view this as a good reason to advance prices. Soap manufacturers have been in the market for some good sized quantities, but their purchases have not been up to last year due to the high prices that rule at the present time. The movement to higher levels will not last much longer, according to one factor, who says the advances are too sharp, and sellers will not be able to hold them, for consumers will take their actual needs only. Offers of oil of peppermint are few, and reports state that \$5.75 per pound has been paid in the country, while some are inside at \$6 per pound. The China revolution appears to be affecting price of oil anise as well as cassia. Country holders of wormseed are following closely the peppermint growers by asking high prices and offering practically nothing.

Essential Oils

Oil Almond—Sweet is in steady demand at 40c@\$41c lb. spot as to quantity. U.S.P. held at \$3.15@\$3.25 lb. spot, and bitter at \$3.25@\$3.50 lb.

Oil Angelica Root—Demand routine only with holders naming \$32@\$36 lb. spot.

Oil Anise—U.S.P. material has advanced and now quoted at 55c@\$7c lb. spot, and technical at 51c@\$2c lb. owing to higher figures from abroad. Spot stocks have been reduced materially as well.

Oil Bay—In small demand at \$2.20@\$2.30 lb. spot as to seller and quantity.

Oil Bergamot—Market quiet with spot holders nam-

ing \$3.40@\$3.60 lb. for coppers, and artificial at \$2.20@\$2.30 lb. No offers from abroad have been received lately, but the last ones figure about equal to present values.

Oil Bois de Rose—Spot is quoted at \$4.50@\$4.75 lb. and firm thereat.

Oil Cade—In small demand at 35c@\$40c lb. spot.

Oil Camphor—Japanese, white, in steady call at 14c@14½c lb. spot in drums, and 13½c@14c lb. in drums. Heavy offered at 14½c@15c lb.

Oil Caraway—Market has eased off further to \$4.00@\$4.50 lb. spot as to seller and quantity. Supplies ample for present needs.

Oil Carvol—Steady at \$14.00@\$15.00 lb. spot.

Oil Cassia—Redistilled has advanced and now quoted at \$2.75@\$2.85 lb. spot, and 80-85 per cent at \$2.30@\$2.40 lb. Shipment the first of the week was quoted at \$2.00 lb. c.i.f New York, but since that time one factor states that this figure cannot be duplicated. The trade is looking for higher prices in proportion to the activity of the opposing armies in China. Imports last week at New York were 55 cases.

Oil Cedar Wood—Has advanced again and now best price is 55c@\$7c lb. spot as to quantity and seller. Supplies tending scarce. Some active business has been transacted with Germany.

Oil Celery—Spot named at \$11.00@\$12.50 lb. as to seller.

Oil Cinnamon Leaf—In better demand at \$1.45@\$1.60 lb. spot as to quantity.

Oil Citronella—Ceylon is easy at 75c@\$2c lb. spot in drums as to seller with shipment named at 71c@\$2c lb. c.i.f. New York as to quantity. Business during the past few weeks in this item has not been very active. Java is quoted nominally at \$1.40 lb. in drums, and shipment is named at \$1.02 up to \$1.25 lb. c.i.f. New York as to position. Last week saw 23 drums Java and 10 drums Ceylon imported at New York. The Java material will undoubtedly pass directly into consumption.

Oil Cloves—Quoted easy at \$1.90@\$1.95 lb. spot for cans, and \$2.00@\$2.10 lb. for bottles.

Oil Coriander—Market is weak, although price of \$11.25@\$11.45 lb. spot is unchanged.

Oil Cumin—Has declined and is now offered at \$11.50@\$12.00 lb. spot.

Oil Eucalyptus—Market has advanced to 55c@\$7c lb. spot in drums, and 57c@\$60c lb. in cases owing to greater activity and higher import costs. Some shipment business was put through recently at 41c lb. c.i.f. New York, but best price heard now is 43c lb. c.i.f. Imports last week at New York were 200 cases and 27 drums.

Oil Geranium—Firm and active at \$7.75@\$8.50 lb. spot for Algerian, and \$7.25@\$8.50 lb. for Bourbon.

Oil Juniper Berries—Market firm owing to strength of the berries at \$1.25@\$1.35 lb. spot as to quantity.

Oil Lavender—U.S.P. material has advanced sharply at \$5.50@\$6.50 lb. spot as to quality and seller. Spike named at 85c@\$1.25 lb.

Oil Lemon—Italian quoted higher at 82c@\$90c lb. spot. Some business was put through the first of the week at 80c lb. Shipment is named higher at 72c lb. c.i.f. New York. American, 70c@\$75c lb.

Oil Limes—Expressed is higher at \$2.15@\$2.25 lb. spot as to quantity.

Oil Linaloe—Mexican slightly lower at \$3.40@\$3.60 lb. spot.

Oil Orange—Italian easier at \$2.70@\$2.90 lb. spot as to seller with shipment named at \$2.10 lb. c.i.f. New York. Sweet West Indian, \$2.35@\$2.45 lb. American, \$3.00@\$3.10 lb.

Oil Peppermint—Spot market firm at \$6.00@\$6.25 lb. spot for natural, and redistilled at \$6.50@\$6.75 lb. Some business was put through between dealers last week at \$5.75 lb. Crop is reported to be only half normal.

Oil Spearmint—Again quoted higher at \$3.50@\$3.75 lb. spot.

Oil Vetivert—Bourbon firm at \$11.00@\$14.00 lb. spot, and Java \$30@\$32 lb.

Oil Wormseed—Has advanced again and now quoted at \$5.50@\$6.00 lb. spot as to seller and quantity.

Balsams

Peru—Steady at \$1.80@\$1.90 lb. spot as to quantity.

Tolu—Firm and scarce at \$2.00@\$2.15 lb. spot. Last week saw 40 cases tolu entered at New York.

Vanilla Beans

Bourbon—Steady at \$10.00@\$11.00 lb. spot.

Mexican—Spot market remains firm at \$11.50@\$12.00 lb. spot as to quantity. Reports are heard that new crop will be much larger than last year. Cuts, \$10.00@\$11.00 lb.

Aromatic Chemicals

Coumarin—Demand steady with makers naming \$3.25 @\$3.45 lb. spot as to quantity. Resellers quoting \$3.25 @\$3.30 lb.

Diethylphthalate—In small demand at 35c@45c lb. spot as to quantity.

Terpineol—Domestic moving in regular quantities at 48c@57c lb. spot as to quantity. Imported named at \$1.10@\$1.20 lb.

Vanillin—Makers report an active market at 49½c@51c oz. as to quantity.

ESSENTIAL OILS WEAK AT MARSEILLES

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Marseilles, France, Sept. 13.—Business is quiet and prices of essential oils are weak. Quotations per kilo are:

	Francs.
Aniseed, Tonka	25@26
Clove	56@58
Geranium Bourbon	285@290
Gingergrass	65@70
Palmarosa	145@150
Patchouli	150@200
Petitgrain	78@80
Rosewood	160@165
Sandalwood	205
Vervein	36@38
Vetivert, Bourbon	390@395
Ylang ylang, first quality	175@180
Ylang ylang, second quality	80@90
Cajuput	nominal
Citronella, Java	48@50
Citronella, Ceylon	29@30
Cannelier, Seychelles	55@57
Cannelier, Madagascar	40@42
Bois de Cedre, American	20@22

UNITED STATES EXPORTS OF PERFUMERY TO CHILE SHOWED IMPROVEMENT IN 1923

Dentifrices and Toilet Preparations Take the Lead Over German and French Products—Hair Dyes in Great Demand—Seventeen Firms Make Perfumery and Two Manufacture Hair Dyes

Chile's total imports of toilet preparations in 1922 amounted to 70,000 kilos, valued at 526,000 gold pesos, less than half the domestic production, says the Chemical Division, Department of Commerce. There were 17 firms in Chile manufacturing perfumes, and two making hair dyes, which find an extensive sale in Chile where practically everyone colors the hair, gray hair being almost unknown. By far the most hair dye is manufactured locally, the production in 1922 having equalled 41,200 boxes, worth 144,800 paper pesos, while the imports were but 1,000 kilos. Approximately 80 per cent of the imports came from France.

With the exception of dentifrices, the imports from France of all kinds of toilet preparations predominate, lesser amounts being received from Germany and England. Of the dentifrices imported, the United States leads, having supplied nearly two-thirds or 16,300 kilos in 1922, with Germany and France each having furnished one-sixth and one-eighth respectively.

The other leading commodities imported in 1922 were toilet waters and vinegar, 8,000 kilos; rouge and other cosmetics, 4,000 kilos; talcum powder, 25,000 kilos; toilet extracts and essences, 3,055 kilos; and all other perfumery, 2,400 kilos.

The United States exports of perfumery and toilet preparations to Chile showed a marked improvement in 1923, having increased from 56,978 pounds, valued at \$34,100, in 1922, to 102,193 pounds, valued at \$65,503, in 1923. This large gain may be attributed to increased demand for talcum and other toilet powders and dentifrices. Sales of both of these commodities doubled during the period, while perfumery, creams, rouges, and other cosmetics fell off.

OIL LAVENDER QUOTED AT 250 FRANCS KILO

Oil lavender is now being offered in France at 250 francs per kilo, compared with 180 francs a year ago, and 80 francs two years ago. The yield has been larger this year than last, but the supply is insufficient to meet the demand. The high prices ruling at the present time are laid to the small crops during the last three years, causing a tendency to restricted consuming buying. Stocks in consuming channels are said to be small, and buyers are not willing to extend their purchases beyond actual requirements. Several factors state that they cannot see any weakness in lavender for the balance of the year. The other floral products, too, are in small supply and prices are so high as to restrict buying. Jonquil has already been disposed of in its entirety.

W. G. Ungerer, New York, has received a letter from Pierre Morena, of the committee at Grasse, France, in charge of the disbursement of the American Fund for Grasse Orphans and Widows of the World War, acknowledging receipt of funds collected here and saying that further help is needed for the coming winter. Mr. Ungerer will forward any sums contributed by the essential oil trade.

R. B. Houk, formerly of Antoine Chiris Co., is now metropolitan representative for Fox & Clarke, New York, essential oils and aromatic chemicals.

D. G. Lashelle has resigned his position with W. T. Rawleigh Co., Freeport, Ill., effective Oct. 1.

Drug Consuming Industries

NEW PRODUCTS IN PHARMACOPOEIA

Thirty-four Titles, Including Brandy, With Names of Similar Market Products

The Tenth Revision of the U. S. Pharmacopoeia, which will soon be published, will contain the following additional products, the English title being followed in each case by the name or names of similar market products, writes E. Fullerton Cook in an article in the "Pharmaceutical Era" of Sept. 20. The titles follow:

Acetylsalicylic Acid, Aspirin.
Diacetyl Tannin, Tannigen.
Albumin Tannate, Albutannin, Protan.
Amidopyrine, Pyramidon.
Strong Silver-Protein, Strong Protargin, Proganol, Protargentum, Protargol.
Mild Silver-Protein, Mild Protargin, Argyn, Argyrol, Cargentos.
Arsphenamine, Arsenobenzol, Diarsenol, Salvarsan.
Barbital Sodium, Sodium Diethylbarbiturate, Veronal-Sodium.
Barbital, Diethylbarbituric Acid.
Barium Sulphate, (Purified for x-ray examination).
Ethyl Aminobenzoate, Benzocaine, Anesthesin.
Calcium Iodobehenate, Sajodin, Calioben.
Carbon Tetrachloride, (highly purified).
Carbromal, Adalin.

Chloramine, Chloramine-T.

Dextrose, Grape Sugar.

Dichloramine, Dichloramine-T.

Epinephrine, Adrenaline.

Ipomoea, Replaces scammony.

Solution of Epinephrine Hydrochloride, Solution of Adrenaline Hydrochloride (1 in 1000).

Surgical Solution of Chlorinated Soda, Carroll-Dakin Solution.

Neoarsphenamine, Neodiarsenol, Neosalvarsan, Neoarsenobenzol.

Chaulmoogra Oil.

Chlorinated Paraffin, Chlorcosane.

Phenobarbital, Phenyl-ethyl-barbituric Acid, Luminal.

Phenolsulphonephthalein, Phenol Red.

Procaine Hydrochloride, Novocaine.

Quinidine Sulphate.

Quinine Ethylcarbonate, Euquinine.

Resin of Ipomoea, Replacing Resin of Scammony.

Sodium Diphosphate, Sodium Acid Phosphate, Sodium Dihydrogen Phosphate.

Whisky (Spiritus Frumenti).

Brandy (Spiritus Vin Vitis).

Thyroxin.

Powers-Weightman-Rosengarten, Philadelphia, have issued their supplementary price-list for September in which eleven advances and nine declines are given.

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Granby Hillyer, attorney for Scholtz-Mutual Drug Co., Denver, Col., which was forced into involuntary receivership by dissatisfied creditors, reported to Referee Frank McLaughlin of the bankruptcy court, that the drug company now administered by Harry Zimmerhackel and George W. Beck, receivers appointed by Federal Judge Symes, had disposed of all its holdings outside of the city of Denver; that the Denver stores are making a profit of \$5,000 monthly with a cash reserve of \$85,000, and are willing to pay all creditors 50 cents on the dollar, an immediate payment of 15 cents and the remainder in seven monthly installments.

Oil lemon stocks are relatively small and the probability is that little will be carried over this year, according to Fratelli Jung, who say: "New crop lemon oil has been advanced, but more in sympathy with the advance of the spot market than to the demand from abroad, although there has been a certain amount of buying, especially from the United Kingdom. Stocks of oil orange, while not large, are beginning to weigh on the market, and it has been possible to save something on our last price. New crop orange is practically unchanged. Oil bergamot is on a lower basis."

Exports of quinine sulfate and other salts of cinchona, during July, amounted to 11,050 ounces, valued at \$6,143; antitoxins, serums and vaccines, \$87,537; other medicinal and pharmaceutical preparations, \$1,084,714; ginseng 12,477 pounds, valued at \$203,841, and other crude vegetable drugs, 1,255,019 pounds, valued at \$212,356.

PERU HAS NEW PHARMACEUTICAL RULES

Washington, D. C., Sept. 23.—The pharmaceutical regulations which were established in Peru in May, 1922, with the effective date extended from time to time, will become finally effective on Dec. 1, 1924, says a cable to the Department of Commerce from W. N. Pearce at Lima.

These regulations provide that all medicinal specialties, whether of national or foreign manufacture, shall undergo analyses by the Drugs Inspection Committee of Peru and receive authorization from the Board of Health before being placed on sale in the country. All importers of medicinal specialties shall be legally authorized members of the pharmaceutical profession.

Labels showing the chemical composition of each article according to the metric decimal system are required in each case. The fee charged for analysis of foreign specialties is 15 Peruvian soles for each ingredient contained in the sample submitted.

The full text of the regulations is on file in the Division of Foreign Tariffs, and specific questions will be answered on request. As these regulations become definitely effective on Dec. 1, 1924, medicinal specialties which do not conform to the regulations will be refused admittance into Peru after that date.

Burton T. Bush, Inc., New York, manufacturers of natural and synthetic organic products, has been appointed sole selling agent by Dow Chemical Co. for the sale of coumarin. Stocks will be carried at New York, Chicago, St. Louis, and San Francisco.

H

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H

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: Chemicals, including heavy and technical chemicals, fine and medicinal chemicals, aromatic chemicals and isolates, crudes and intermediates from coal-tar, various fine alkaloids and miscellaneous products; Crude Drugs, Essential Oils, including oleoresins; Fatty Oils, including Animal, Vegetable and Fish Oils, Greases, Fats, and Tallow; Tanning and Dye Extracts, including miscellaneous natural tanning woods, extracts, etc. All groups are arranged in straight alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan

District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	— .833	Imperial Gallon
1 American Gallon	3.79	Liters
1 Liter	— .264	American Gallon
1 American Gallon (Water)	— 8.35	Pounds
1 Pound (Avoirdupois)	— .454	Kilogram
1 Kilogram	— 2.20	Pounds

Style and Arrangement Copyright by DRUG & CHEMICAL MARKETS, 1922

Chemicals

ACETANILID, tech. 150 lb bbls. lb	.26	.28	Acid Carbelle—(continued)		Acid, hydrofluoric—(continued)		
100 lb kgs. lb	.27	.30	Liquid USP, 1 lb bot. lb	.34	.35	60% 100 lb chy., wks. lb	... : .14
USP 200 lb bbls. lb	.32	.37	Crude, 25% 50 gal. bbls. gal	.33	.35	60% 300 lb dr. wks. lb	... : .13
Second Hands lb	.34	.35	10%, 50 gal. bbls. gal	.27	.30	White Acid, 100 lb chy. wks. lb	... : .26
Anhydride, 85-89%, 107 lb chys. lb	... : .40		White Acid, 10 chy. wks. lb	... : .25			
90-95%, 100 lb chys. lb	... : .43						
C.P. 100 lb chys. lb	... : .80						
Acetone, CP 700 lb drs. c/l wks. lb	.16	.17	mono 100 lb bbls. wks. lb	... : .25			
700 lb drs. c/l wks. lb	.18	.18	B1, 150 lb chys. wks. lb	... : 1.00			
350 lb drs. c/l wks. lb	.18	.18	Tri, 425 lb bbls. wks. lb	... : 2.50			
Second Hands, spot lb	.18	.17½	Chlorosulfonic, 1500 lb drs. wks. lb	... : .25			
Acetone, 100 lb drums. lb	... : .35		Chrome, USP 200 lb drums. lb	... : .40			
Oils, light, drs. wks. gal	1.40	1.45	85% Pure, 200 lb drums. lb	... : .85			
Heavy, drs. wks. gal	1.40	1.45	Chromotropic, 300 lb bbls. lb	... : 1.35			
Acetophenetidin, 150 lb bbls. lb	1.85	1.90	Chrysophanic, see Chrysanthrin				
Acetyl Chloride, 100 lb chys. lb	.40	.41	Cinnamic, 5 lb cans. lb	... : 3.93			
ACID, 1, 2, 3, 4, 250 lb bbls. lb	... : 1.80		CITRIC, USP cryst. 230 lb bbls. lb	... : .46			
Acetic, 25%, 400 lb bbls. c/l wks. lb	1.40	1.45	Powd., USP, 200 lb bbls. lb	... : .47			
25%, 1c/l wks. lb	1.37		Imported, crys. 112 lb kegs. lb	1.45½ : .46			
50%, c/l wks. lb	1.00	1.00	Single kegs. lb	... : .47			
50%, 1c/l wks. lb	1.37		Cleve, 250 lb bbls. lb	1.00 : 1.10			
50%, c/l wks. lb	1.00	1.00	Cresylic, 95% dark dr. NY. gal	.63 : .65			
50%, 1c/l wks. lb	1.00	1.00	97-99% pale, dr. NY. gal	.65 : .75			
70%, bbls. c/l wks. lb	6.10		Crude, spot, drums. gal	.55 : .60			
70%, bbls. c/l wks. lb	7.20		Diethylbarbituric, Dom., 25 lb lots, 1 lb bot. lb	10.00 : 12.00			
70%, 1c/l wks. lb	7.45		Imp. 10 lb lots. lb	3.50 : 3.75			
80% coml. bbls. c/l wks. lb	8.19		Formic 85% tech. 140 lb chys. lb	.12 : 1.12			
80% coml. 1c/l wks. lb	8.44		90%, 10 lb chys. instl. lb	... : .13			
80% pure bbls. c/l wks. lb	9.98		Galle, USP, 150 lb bbls. lb	... : .70			
80% pure bbls. c/l wks. lb	10.28		Gamma, 225 lb bbls. lb	... : 1.50			
80% pure bbls. c/l wks. lb	11.01		Glycerophosphoric, 25% 1 lb. lb	1.85 : 1.95			
Glacial, 50 lb. c/l wks. lb	11.01		H, 225 lb bbls. lb	.73 : .75			
Glacial, 100 lb. c/l wks. lb	11.36		Hydriodic, 10% USP 5 lb bot. lb	... : .75			
Glacial, USP chy. wks. lb	11.76		Hydrochloric, 45% coml. 155 lb chys. lb	.35 : .40			
Second Hands lb	.75	.85	48% coml. 10 chys. lb	... : .40			
Acetylsalicylic, 220 lb bbls. lb	.75	.85	40% USP 185 lb chys. lb	.45 : .46			
Second Hands lb	.73½	.75	10% USP 100 lb chys. lb	.11 : .13			
Anthranilic, tech. drs. lb	.94		Hydrochloric, see also Acid Muriatic				
90-100%, 100 lb bbls. lb	1.00		CP, TBP, 110 lb chys. lb	.08 : .11			
Benzoic, tech. 100 lb bbls. lb	.75		HYDROFLUORIC, 30% 400 lb bbls. lb	... : .07			
Tech. ion lots bbls. lb	.70		30% bbls. c/l wks. lb	... : .06			
USP, 100 lb bbls. lb	.75	.85	30% 100 lb chys. lb	... : .07			
Second Hands lb	.70	.74	48% single 100 lb chys. lb	... : .11			
Boric, crys. powd. 250 lb bbls. lb	.09½		48% 10 chys. lb	... : .10			
Kegs, 100 lb. lb	.10	.10½	52% 100 lb chys. lb	... : .14			
Bromoer's, 250 lb bbls. lb	1.35		72% 10 chys. lb	... : .11			
Butyric, 50% pure 5 lb bot. lb	.40	.50					
C.P. 10 lb bot. lb	1.25	1.50					
Camphoric, USP, VIII 1 lb bot. lb	5.90	6.00					
Carbolic, USP crys., see also Phenol 112 lb tins. lb	.26	.27					
25 lb tins. lb	.28	.29					
5 lb tins or bot. lb	.30	.32					
1 lb bot. lb	.35	.38					

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Cbs, c/l wks.....100 lb	4.75 : .55
Cbs, c/l wks.....100 lb	4.50 : 4.75
38° c/l chys, wks.....100 lb	5.25 : 5.75
Cbs., c/l wks.....100 lb	5.00 : 5.25
40° c/l chys, wks.....100 lb	5.75 : 6.00
Cbs., c/l wks.....100 lb	5.50 : 5.75
42° c/l chys., wks.....100 lb	6.25 : 6.75
Cbs., c/l wks.....100 lb	6.00 : 6.25
C. P. chys, single wks.....100 lb	.13 : .16
Oleic, 300 lb. bbls., wks.....lb	.09½ : .09%
Ebs., NY.....lb	.09½ : .10
Kegs, 100 lb. NY.....lb	.10½ : .11
Imp., 560 lb. cans.....lb	.09½ : .09%
Phenylchloroacetic, domestic.....lb	8.50 : 9.00
Imported, 5 lb. cans.....lb	7.00 : 7.25
Phosphoric, 50% tech. 100 lb. chys.....lb	.09 : .10
USP, Syrupy 35°, 70 lb. demis.....lb	.16 : .17
Imported.....lb	... : ...
Phthalic, see Phthalic Anhydride	
Pieramic, 300 lb. bbls.....lb	... : .65
Pieric, 450 lb. bbls.....lb	... : .50
Bbls, car lots wks.....lb	.20 : .25
Pyrogallic, crys. 5 lb. cans.....lb	1.25 : 1.30
Resinified, 5 lb. cans.....lb	1.55 : 1.65
Tech. powd., 200 lb. bbls.....lb	... : .85
Salicylic, tech., 125 lb. bbls.....lb	.32 : .35
USP, 100 lb. bbls.....lb	... : .35
Second Hand.....lb	.32 : .33
Sulfanilic, 250 lb. bbls.....lb	.16 : .20
SULFURIC, 66° 180 lb. chys.	
le/l wks.....100 lb	1.35 : 1.75
Cbs, c/l wks.....100 lb	... : 1.35
1500 lb. Drums, le/l wks.....100 lb	... : 1.25
Drums, c/l wks.....100 lb	... : 1.10
Tank cars, wks.....net ton	14.00 : 15.00
60° 1500 lb. Drums	
le/l wks.....100 lb	.75 : 1.00
Drums, c/l wks.....100 lb	.65 : .75
Tank cars, wks.....net ton	9.00 : 10.00
C. P. 175 lb. chys.....100 lb	.68 : .88

ACID, Sulfuric	
le/l wks.....100 lb	1.50 : 1.75
Drums, c/l wks.....100 lb	1.35 : 1.50
Tank cars, wks.....net ton	17.00 : 18.00
Contract cars, wks.....ton	...
Oleum, 40% drs le/l wks, net ton	... : 40.00
Oleum, 60% drs, le/l wks, net ton	... : 60.00
Sulfurous, USP 6% 100 lb chys, lb	.05 : .06
4% 100 lb chys.....lb	.04 : .05
USP, 5 gal. demis.....lb	.06 : .08
Tannic, tech. 300 lb. bbls.....lb	.30 : .40
USP, powd. 200 lb. bbls.....lb	.75 : .80
USP, fluffy, 50 lb. bbls.....lb	.75 : .80
Tartaric, USP cryst 300 lb. bbls. lb	... : .29
USP, powd. 300 lb. bbls. lb	... : .29
Imp. USP, 240 lb. bbls.....lb	.26½ : .27
Powd. 240 lb. bbls.....lb	.26½ : .27
Tobias, 250 lb. bbls.....lb	.90 : .95
Tungstic, 100 lb. kegs.....lb	1.00
Valeric, C.P., 10 lb. bot.....lb	2.50 : 2.75
Acetone, Alk. cryst 1 pt. vis. oz	... : .00
Amorphous, 1 oz. vis. oz	... : .20
Adene Lanex, hydrous 350 lb. bbls. lb	.15 : .21
Anhydrous, 350 lb. bbls.....lb	.18 : .23
Albumen Egg, edible.....lb	1.25
Blood.....lb	.40 : .45
Vegetable.....lb	.60 : .70
Technical, see Dyers Sundries	
ALCOHOL, USP 190 pf. 50 gal. bbls.	4.87 : 4.96
Second Hand, bbls, USP 190 pf.	... : ...
Export, USP, 190 pf....gal	.50 : .85
Cologne Spirit, 50 gal. bbls, gal	4.95 : 5.05
WOOD, see Methanol	
Alcohols also in 50 gal. drums extra and returnable.	
Amyl, see Oil Fusel	
Butyl, 50 gal. drum, wks.....lb	... : .32
Tank cars, wks.....lb	... : .30
Isooctyl, crude 50 gal. drums, gal	
Refined, 10 lb can.....lb	1.10 : 1.20

ALCOHOL—(continued)

Isopropyl, crude 50 gal. drs....gal	... : 4.50
Refined, 90% 50 gal. drs....gal	6.90 : 6.95
Ref'd, 99% drs.....gal	8.75 : 8.85
Methyl, see Alcohol, Wood	
Propyl, nml. erd. 50 gal. drms, gal	... : 4.40
Refined, 16 lb cans.....lb	... : .75
Denatured	
No. 1 Complete Denat. 188 Proof	
50 gal. bbls incl.....gal	.60½ : .61½
50 gal. drums, extra.....gal	.53½ : .55½
No. 1 Special Denat. 190 Proof	
50 gal. bbls incl.....gal	.59½ : .60½
50 gal. drums, extra.....gal	.52½ : .54½
No. 5 Complete Denat. 188 Proof	
50 gal. bbls incl.....gal	.58½ : .60½
50 gal. drums, extra.....gal	.51½ : .53½
No. 6 Complete Denat. 188 Proof	
50 gal. bbls incl.....gal	.57½ : .59½
50 gal. drums, extra.....gal	.50½ : .52½
In addition to the regular authorized formulas for completely denatured alcohol, some 75 formulas for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulas in products authorized by the Dept. of Internal Revenue.	
Aloin, USP, 100 lb. cases.....lb	.85 : .87
Alpha-Naphthol, crude 300 lb. bbls. lb	... : .85
Refined.....lb	... : .86
Alpha-Naphthylamine, 350 lb. bbls. lb	.35 : .37
Ton lots, bbls. wks.....lb	... : .35

General Chemicals

A MARK OF PLEDGED RESPONSIBILITY



ON PRODUCTS OF STANDARD MERIT

Epsom Salt

Sulphuric Acid
Acetic Acid
Hydrochloric Acid
Mixed Acids
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Aqua Ammonia
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Sodium Phosphate

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Chemicals

ALUM.	Ammonia, lump 400 lb bbls. wks.	100 lb	3.50	: 3.65	AMMONIA	anhyd. 100 lb cyl....lb	... : .30	AMMONIUM—(Continued)
Imp.	500 lb cases....	100 lb	...	: ...	Water, 26° 800 lb drs. wks. ....lb	... : .06%	Perulfate, 112 lb cases....lb	.35 : .40
Ground,	400 lb bbls. wks. ....lb	3.65	: 3.75	Drs. c/l wks. ....lb	... : .06%	Phosphate, dibasic 200 lb bbls. ....lb	... : .38	
Powd.	380 lb bbls. wks. ....lb	3.90	: 4.00	C.F., cbs. ....lb	... : .14	Tech., powd. 325 lb bbls. ....lb	... : .18	
Chrome	500 lb cbs. ....lb	5.50	: 6.00	Imp. 800 lb drs. incl. spot. ....lb	... : .06%	Phosphate, mono, 325 lb bbls. ....lb	... : .12%	
Potash,	lump 400 lb bbls. wks.	100 lb	...	: 4.50	26° 100 lb cbs. le/l wks. ....lb	... : .07% : .06%	Salicylate, USP 100 lb kegs....lb	.70 : .75
Bbls. c/l wks.	100 lb	...	: 4.25	Chys. c/l wks. ....lb	... : .07% : .08%	Sulfate, bulk c/l wks. ....lb	100 lb 2.50 : 2.55	
Cont. bbls. c/l wks.	100 lb	...	: 4.25	20°, 800 lb drs. le/l wks. ....lb	... : .05%	200 lb single bgs. c/l wks. ....lb	100 lb 2.75 : 2.75	
Imp. 650 lb cases a.p. ....lb	100 lb	3.00	: 3.50	Chys. le/l wks. ....lb	... : .06% : .07%	200 lb double bgs. f.a.s. ....lb	100 lb 3.65 : 3.65	
Ground, 400 lb bbls. wks. ....lb	4.35	: 4.60	Ammonium Acetate, 100 lb kegs....lb	... : .37	Sulfocyanide, tech. 100 lb kgs. ....lb	CF, 25 lb jars. ....lb	.50 : .60	
Imp. 650 lb cases....	100 lb	3.75	: 3.00	Benzoate, USP, 1 lb bot....lb	... : .95	Amyl Acetate, tech. 50 gal. drs. gal.	2.55 : 2.75	
Powd.	380 lb bbls. wks. ....lb	4.50	: 4.75	Bifluoride, 300 lb bbls....lb	... : .22	Refined, 50 gal. drums....gal	3.00 : 3.50	
Chrome, 700 lb cbs. ....lb	5.50	: 6.00	100 lb kegs. ....lb	... : .23	Alcohol, see Fuel oil			
Soda grd. 400 lb bbls. wks. ....lb	...	: 4.00	Bromide, 50 lb boxes....lb	... : .44	ANILINE OIL , 900 lb drs....lb	.16 : .17		
Bbls. c/l wks.	100 lb	...	: 3.50	Imported, 112 lb boxes....lb	... : .29	Aniline Salt, 200 lb bbls....lb	.18 : .22	
Aluminum metal, c/l NY. ....lb	27.00	: 28.00	Carb., tech. 580 lb cases....lb	... : .08%	Anthracene, 80-85%, 800 lb cases wks. ....	.80 : .85	
Chloride, anhyd. 275 lb drs. ....lb	20	: .22	Powd. tech. 385 lb bbls....lb	... : .09	28-30%, Imp. ....lb	.02 : .02%		
Crystals, 375 lb bbls....lb	...	: .06%	USP, lump, 100 lb kegs....lb	... : .12% : .13%	Anthraquinone, subl. 125 lb bbls....lb	1.00 : 1.15		
30% sol. 120 lb cbs....lb	...	: .03% : .04	Powd., 100 lb kegs....lb	... : .11% : .12%	Antimony metal, slabs ton lots. 100 lb Needle Powd., 100 lb cases....lb	.11% : .11% : .09		
Hydrate 96% light 90 lb bbls. ....lb	.17	: .18	Chloride, Domestic		ANTIMONY CHLORIDE, anhyd. 1000 lb dra			
Heavy 62-64%, 220 lb bags....lb	.06	: .06%	White, 250 lb bbls., c/l....lb	... : .07%	50 lb crocks....lb	.45 : .48		
400 lb bbls. wks. ....lb	...	: .07	250 lb bbls., le/l wks. ....lb	... : .07% : .08	Sol'n, 130 lb carboys 33°....lb	... : .06		
SULFATE.	Iron-free bags c/l wks.	100 lb	2.25	Imp. wh 250 lb cases spot. ....lb	... : .06% : .06%	Oxide, 500 lb bbls....lb	... : .10	
Imported, spot....	100 lb	2.00	Gray 250 lb bbls. wks. ....lb	... : .08	Salt, dom. 500 lb bbls....lb	.34 : .35		
Comm'l. 1/2% iron, bgs. c/l wks.	East 100 lb	...	: 1.35	Blks., c/l wks. ....lb	... : .07%	Imp., NY18 : .19	
Conf. bgs. c/l wks. W. 100 lb	1.30	: 1.35	Imp. gray 250 lb cases....lb	... : .07% : .08	Sulfuret, golden 500 lb bbls....lb	... : .21		
Bags, c/l wks. W. 100 lb	...	: 1.30	Lump, 500 lb cases spot. ....lb	... : .12% : .13	336 lb kgs....lb	... : .19		
Bbls. c/l wks. East 100 lb	...	: 1.50	Ichthiolate, as to brand....lb	4.85 : 5.00	Crimson, 500 lb bbls....lb	... : .38		
Bulk, c/l cont. wks. H. 100 lb	...	: ...	Iodide, USP, 25 lb jars....lb	... : 5.20	336 lb kgs....lb	... : .58		
Amidol, (see Diaminophenol)				Lactate, 500 lb bbls....lb	... : .15 : .16	Red, 500 lb bbls....lb	... : .45	
Antipyrine, Imp. 10 lb boxes....lb	4.35	: 4.50	Nitrate, tech. crys. 225 lb bbls....lb	... : ...	336 lb kgs....lb	... : .43		
Domestic, 10 lb boxes....lb	...	: 4.60	Refined Crystals, bbls....lb	... : .31 : .33	Tartrate, 500 lb bbls....lb	... : .45		
Aminobenzeno, 110 lb kegs....lb	...	: 1.15	CP gran. 100 lb kegs....lb	... : .35 : .37	Antipyrine, USP, 100 lb cases....lb	2.00 : 2.05		
				Oxalate, pure, 100 lb kegs....lb	... : .40 : .42	Apomorphine Hydrochloride, 1/2 oz. vials....oz	... : 22.75	
						Arecoline Hydrobromide, 1 oz. vial....oz	6.25 : 7.22	
						Argols, red powd. 350 lb bbls....lb	.06 : .07	

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PRICES CURRENT SECTION

Chemicals

Arsenic, metal, 220 lb kegs	lb	..	: .45
Red, 224 lb kegs cases	lb	.15	: .15%
White, 220 lb kegs to 550 lb bbis, NY	lb	.06%	: .07%
Asbestine	ton	16.00	: 18.00
Aspirin, see Acid acetylmalic			
Atropine, alk. USP, 1 vial	oz	5.00	: 5.57
Sulfate, 5 oz. cans	oz	..	: 2.75
Single ounce	oz	..	: 2.02
BAIRUM BINOXIDE, see Barium dioxide			
Carbonate, precip., 300 lb bbls.			
wks.	ton	65.00	: 70.00
Precip, 200 lb bgs, wks.	ton	64.00	: 66.00
Imports, bbls. spot	ton	55.00	: 60.00
Chloride, 500 lb bbls, wks.	ton	80.00	: 85.00
200 lb bgs, wks.	ton	78.50	: 85.50
Import bbls, spot	ton	72.00	: 74.00
Dioxide, 83% 690 lb drs.	lb	.17	: .18
Import, 86-88% 400 lb drs.	lb	..	: .15
Hydrate, 500 lb bbls	lb	..	: .05
Iodide, 5 lb box	lb	..	: 5.15
Nitrate, 700 lb cans	lb	..	: .10
Import cans	lb	.07%	: .08
Sulfonyamide 400 lb bbls	lb	..	: .35
Barries, coated 350 lb bbls wks	ton	25.00	: 26.00
Imported	ton	29.00	: 32.00
Bay Rum, Porto Rican, genuine			
Medicated salicyl. acid or tartar emetic			
45 gal. bbls.....gal	1.10	: 1.20	
Medicated quinine sulf. 45 gal.	bbls	..	: 1.20
Domestic synthetic, 50 gal.	bbls	..	: 1.00
St. Thomas			
Medicated salicy. acid or tartar emetic			
50 gal. bbls	gal	1.10	: 1.20
Benzaldehyde, tech. 945 lb drs.	lb	.70	: .75
USP, 40 lb drs.	lb	1.40	: 1.50
FFC, 40 lb drs.	lb	1.50	: 1.65
MENZENE, 90% 8000 gal tanks			
wks.	gal	..	: .25
110 gal. drs. wks.	gal	..	: .25
Pure, Tanks, wks.	gal	..	: .25
110 gal. drs. wks.	gal	..	: .25
Benzidine Base, dry 250 lb bbls, lb	lb	.78	: .80
Benzidine Sulfate, paste 350 lb bbls.	lb	.70	: .72
Benzol, see Benzene			
Benzonaphthal, 5 lb boxes	lb	3.50	: 3.80
Benzoyl Chloride, 500 lb drs.	lb	..	: 1.00
Benzyl Acetate, 100 lb drs.	lb	1.55	: 1.75
Alcohol, 5 lb bot.	lb	1.45	: 1.55
Benzote, 5 lb bot.	lb	1.60	: 1.75
Medicinal FFC	lb	1.75	: 2.00
Chloride, 95% tech. 925 lb drs.	lb	..	: .25
100 lb drs.	lb	.25	: .30
Redistill. 160 lb drs.	lb	.40	: .45
Formate, 1 lb bot.	lb	3.00	: 3.25
Berberine Hydchloride, 1 lb bot.	lb	..	: 22.50
Sulfate, acid or neut. 1 lb bot.	lb	..	: 22.00
BETA-NAPHTHOL, 350 lb bbls, wks.	lb	.25	: .26
Carols, wks.	lb	..	: .24
Sublimed	lb	.55	: .60
Beta-Naphthylamine, tech. 200 lb bbls	lb	..	: .65
Sublimed, 200 lb bbls	lb	..	: 1.85
Eichloride Mercury, see Mercury Eichloride			
BISMUTH metal, 150 lb cases	lb	..	: 2.00
Second Hands	lb	..	: 2.00
Ammon. Citrate, USP 5 lb bxs.	lb	..	: 5.60
Betanaphtholite, 5 lb bxs.	lb	..	: 3.15
Citrate, USP 5 lb bxs.	lb	..	: 2.85
Nitrate, 25 lb jars	lb	..	: 1.90
Oxychloride, 25 lb bxs.	lb	..	: 3.30
Phenolsulfone, 5 lb cans	lb	..	: 3.00
Salicylate, 25 lb bxs.	lb	..	: 1.85
Subcarbonyl, USP, 25 lb bxs.	lb	..	: 3.20
X-Ray diag. 1 lb bot.	lb	..	: 2.73
Subgallate, USP, 25 lb bxs.	lb	..	: 2.65
BIS-MUTH—(Continued)			
Subiodide, 5 lb lots	lb	..	: 4.50
Subnitrate, USP, 25 lb jars	lb	..	: 2.70
Second Hand	lb	..	: 2.60
Cones, 1 lb bot.	lb	..	: 3.89
Subsalicylate, USP, 175 bbls.	lb	..	: 2.95
Tannate, 1 lb bot.	lb	..	: 2.62
above on basis 25 lb lots.			
Smaller lots at an advance.			
Blane Fixe, dry 400 lb bbls. wks. ton	ton	75.00	: 80.00
Imported, bbls.	ton	70.00	: 72.00
Paste, 650 lb bbls.	ton	50.00	: 55.00
BLEACHING POWDER, 700 lb drs.			
c/l wks.	100 lb	..	: 1.90
Drums 1c/l ex warehouse	100 lb	2.35	: 2.60
Contract, c/l wks.	100 lb	1.90	: 2.17
Drums, 1c/l wks.	100 lb	2.05	: 2.30
Imported, spot	100 lb	..	: ..
Blue Ointment, see Mercury			
Mass, see Mercury			
Bone Ash, 100 lb kegs	lb	..	: .06
Black, 200 lb bbls	lb	..	: .06
Borax, USP, crya. 400 lb bbls.	lb	..	: .05
Powdered, USP, 300 lb bbls.	lb	..	: .05
Kegs, USP, 100-150 lb	lb	..	: .05%
Bordeaux Mixture, 16% pd. bbls.	lb	..	: .11%
Paste, bbls.	lb	..	: .08
Borneol, 1 lb bot.	lb	..	: 3.50
Bromide, see potass. bromide, etc.			
Bromine, bot in 60 lb es. wks.	lb	..	: .39
Bromobenzene, 600 lb drums	lb	.40	: .42
Bromoform, UG 5 lb bot 50 lb es.	lb	..	: 1.65
Brucine Sulfate, 100 cm.	cm	..	: .15
Butter of Antimony, see Antimony Chloride			
CADIUM, metal 100 lb bxs.	lb	.95	: 1.00
Bromide, 50 lb cases jars	lb	..	: 1.30
Iodide, 10 lb bot.	lb	..	: 4.45
Sulfide, ex	lb	1.50	: 1.60

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Chemicals

CAFFEINE ALK., USP 5 lb cans..	2.50	: 3.75	CAMPHOR, Amer. ref: 250 lb blis.	... : .88	Chalk, drop 175 lb bbls.	... : .68%
Second Hands	2.60	: 3.45	2½ lb slabs, 100 lb cs..	... : .84%	Precip. light 250 lb cans..	... : .04%
Hydrochloride, 1 lb bot.....	6.05	: 6.55	1 lb cakes, 100 lb cs..	... : .84%	Precip. heavy 560 lb cans..	... : .03%
Sulfate, 1 lb bot.....	5.40	: 5.90	1 oz. tab., 1 lb ctms.	... : .88%	Bulk	ton 5.00 : 8.00
Citrate, 25 lb cans.....	2.90	: 3.10	100 lb cs..	... : .89	Precip. English, 1 lb bags..	... : .07%
Hydroquinone, 1 lb bot.....	4.65	: 4.90	½ oz. tab., 1 lb ctms.	... : .89	Charcoal, Bone, sea bone black	
CALCIUM Acetate, 150 lb bags, c/l			100 lb cs..	... : .89	Wood, powd. 100 lb blis..	.04 : .05
100 lb ... : 3.00			Jap. ref., 2½ lb slabs, 100 lb	... : .89	Willow, powd. 100 lb blis..	.06 : .07
Arsenite, 100 lb blis. c/l wks. lb	.68	: nom.	ca.	... : .89	China Clay, Dom., crude..	ton 6.00 : 8.00
Bromide, 100 lb cs.....	... : .50	1 oz. tab., 100 lb cs. 1 lb	... : .89	Washed & Ground	ton 8.00 : 15.00	
Carbide, 220 lb dr. c/l wks..	... : .04%	tins	... : .89	Imp., Filler Clay.....	ton 12.00 : 15.00	
Drums, 1c/l wks. ....	... : .05	½ oz. tab., 100 lb cs. 1 lb	... : .89	Chloral Hydrate, USP 100 lb drs. lb	.75 : .80	
Carbonate, tech. 100 lb bags			tins	... : .89	25 lb Jars	lb .88 : .85
c/l 100 lb 1.00 : 1.10			Chinese ref. 2½ lb slate 100 lb	... : ...	Chinadolin, 140 lb drs..	... : .40
USP, precip. 175 lb bbls..	... : .04	ca. lb.	... : ...	Chloramine-T, 5 lb bot..	lb 1.25 : 2.50	
Chloride, solid, 650 lb drs. c/l			Crude, 100 lb cs..	... : .89	Chloroacane, 5 lb bot..	lb .55 : .75
f.e.b. NY	ton	: 24.50	Camphor, Mono brom., 100 lb cs..	1.75 : 1.85	Chlorhydrin, Ethylene anhyd. 600 lb	dr. ... : .85
Imp. shipment	ton 21.00	: 21.50	Caramel, 50 gal. blis.....	... : .70	40% soln. 100 lb crys..	lb .35 : .30
Gran., 350 lb drs. c/l f.e.b.			Carbosol, 250 lb bbls..	... : .50	CHLORINE, Liquid 2000 lb cyl.	
NY	ton	: 30.50	carbon Bisulfide, 500 lb drs. 1c/l NY	... : .06%	c/l wks. ....	... : .04%
Flake 330 lb drs. c/l drs. f.e.b.		: 30.50	e/l drums, NY .....	... : .06	Tank car lots, wks. Contract..	... : .04%
NY	ton	: 30.50	Carbon Black, 12½ lb bags..	... : .09	100 lb cyl. c/l wks. ....	... : .05%
Anhyd., 350 lb drs. f.e.b. NY	1.13	: .20	Carbon Dioxide, Liquid 20-25 cyl. lb	... : .06	100 lb cyl. 1c/l wks. ....	... : .06%
Glycophosphate, 250 lb blis..	... : 1.40	Carbon Tetrachloride, 1400 lb drs.	... : .06	100 lb cyl. 1c/l ex-warehouse..	... : .07%	
Hydrate, (see Lime)			Chlorobenzene, mono, 1000 lb drs.		Resale, 1,000 oz. lots..	... : .09
Hypophosphate, USP, 25 lb cans lb	.60	: .65	wks. ....	... : .10	... : .11	
Iodide, 5 lb bot.....	... : 4.40	Drugs, c/l NY .....	... : .06%	Dra. c/l wks. ....	... : .08	
Lactate, tech. 500 lb blis....	... : .13%	700 lb drs. single NY .....	... : .07	Tank car lots, wks. ....	... : .08	
U.B.P. ....	... : .60	Carmine, No. 40 5 lb boxes..	4.75 : 4.85	CHLORFORM, USP 50 lb drs. lb	... : .35	
Nitrate, 220 lb blis. c/l NY. ton	... : 40.00	Casein, edib., 100 lb kg..	... : .45	Second Hands, 650 lb drs..	... : .32	
Phosphate, tech. 350 lb blis. lb	.09	Technical, 200 lb blis..	10% : .11%	Chlorophyll, Oil Sol.	2.50 : 2.75	
Phosphate, precip. tribasic 200		Castoreum, 1 lb boxes..	4.00 : 4.50	Water Sol.	3.75 : 4.00	
lb blis. wks.....	.11	Castor Oil, USP 50 gal. blis..	... : .17	Chromium Acetate, 20° soln. 400 lb	... : .07	
Phosphate, mace, 325 lb blis. lb	.07	Cases, 80 lb 3 tins .....	... : .18	bbls. ....	... : .08	
Sulfocarbonate, 100 lb bags....	.55	Tech. see Fixed Oils		Fluoride, Powd. 400 lb bbls..	... : .36	
Calomel, see Mercury		Caustic Potash, see potash, caustic		Sol. 400 lb bbls. ....	... : .36	
		Soda, see soda, caustic		Chrysarobin, USP, 5 lb cans..	4.25 : 5.00	
				Crinoidin: alk. pwd. 100 oz. tins..	... : .60	
				Crystal : .65	
				Sulfate, 100oz. tins..	... : .40	
				Resale, 1,000 oz. lots..	... : .39	

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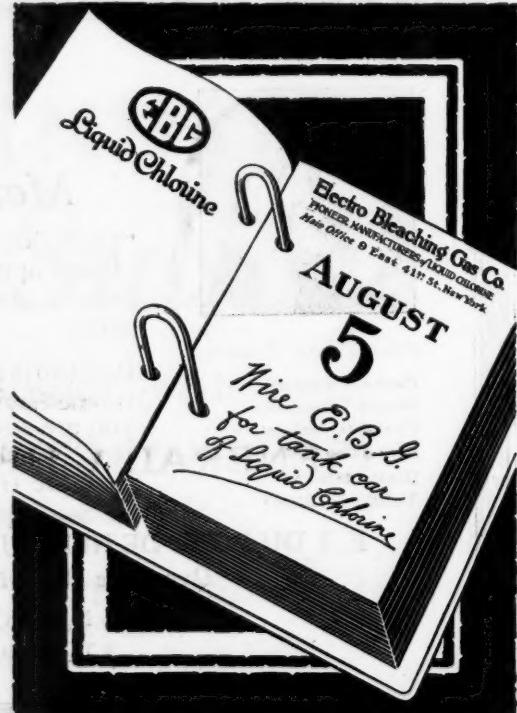
ST. LOUIS

MONTRÉAL

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PRICES CURRENT SECTION



Chemicals

Cinchonine alk., pwd. 100oz. tins oz	... : .38	COPPER metal electrolytic c/l		Diethyl Sulfate tech. 50gal. drs. lb	.20 : .25
Crystal oz	... : .43	NY	100 lb	CP drums	.40 : .50
Sulfate, 100 oz. tins .. oz	... : .25	Lake, c/l NY	100 lb	Digitalin, Pure, 1 oz. vial.... oz	8.75 : 10.25
Citrine Ointment, see Mercury		Casting, c/l NY	100 lb	Dimethylamine, 840lb drs. vials	.35 : .36
Coal Tar, See Tars		Carbonate, 400lb bbls.	100 lb	Dimethylsulfide, 100lb drs.... lb	... : .50
Cobalt metal, 100lb kegs..... lb	2.50 : 3.00	Chloride, 250lb bbls.	100 lb	Dinitrobenzene, 400lb bbls.... lb	.16 : .17
Cobalt Oxide, 500lb bbls..... lb	... : 2.10	Cyanide, 100lb drs.... lb	100 lb	Dinitrochlorobenzene, 400lb bbls. lb	.18 : .19
10lb tins, 200lb cases..... lb	... : 2.45	Iodide, 5lb bot.... lb	100 lb	Dinitronaphthalene, 350lb bbls. lb	.32 : .34
COCAINE alk., USP, 1 oz. vial... oz	... : 10.00	Sub-Acetate, verd. 440lb bbls. lb	100 lb	Dinitrophenol, 350lb bbls.... lb	.32 : .35
Hydrochloride, USP—1 oz. vials,		SULFATE, crya. 450lb bbls. le/l		Dinitrotoluene, 300lb bbls.... lb	.19 : .20
25 ozs. oz	... : 7.07	spot	100 lb	Dionin, see Morphine, Ethyl	
In 1/2 oz. vials.... oz	... : 7.50	Carrots, bbls. f.o.b. NY 100 lb	4.60	Diphenylamine, 250lb bbls.... lb	.48 : .50
In crystals, granular, powder,		Carrots, bbls. delivered 100 lb	4.75	Diphenylguanidine, 170lb bbls.... lb	1.10 : 1.15
or flaky crystals as desired.		Imp. 550lb cans spot... 100lb	4.40	Dover's Powder, USP 5lb tins.... lb	2.20 : 2.30
Cocoa Butter, bulk, 200lb bales. lb	.32 : .33	Powdered, 350lb 5 bbls.... lb	5.50	Dubostino Sulfate, 1 oz. vial... oz	... : 30.00
Fingers, cakes, etc. 12lb bxs.... lb	.32 : .34	Copperas, bulk c/l wks.... ton	... : 15.00	EARTH, Diatomaceous. see Kieselguhr	
CODEINE, alk., 1 oz. vls. 10 oz.		400lb bags, c/l wks.... ton	18.00	Emetine alk., 15 gr. vials.... oz	... : 1.30
lots oz	... : 9.87	Copperas, bulk c/l wks.... ton	1.90	Hydralide, USP 1 oz. vial... oz	17.00 : 17.50
Hydrobromide, 1 oz. vls. 10 oz.		Sugar, 400lb bbls.... 100 lb	1.25	15' gr. vials.... oz	... : .75
lots oz	... : 7.92	Corn Syrup, 42 deg. 50 gal.		EPSOM SALT, tech. 300lb bbls.	
Hydrochloride, 1 oz. vls. 10 oz.		bbls.	100 lb	NY	... : 100 lb
lots oz	... : 8.77	43 deg. 50 gal. bbls.... 100 lb	... : 4.26	Bbls. c/l NY..... 100 lb	... : 2.15
Nitrate, 1 oz. vls. 10 oz. lots. oz	... : 8.77	44 deg. 50 gal. bbls.... 100 lb	... : 4.31	100lb bags, c/l NY.... 100 lb	1.70 : 1.75
Phosphate, 1 oz. vls. 10 oz.		45 deg. 50 gal. bbls.... 100 lb	... : 4.38	Imp., 220lb bags, c/l	
lots oz	... : 7.42	CREAM TARTAR, USP. 300lb		NY	... : 100 lb
Salicylate, 1 oz. vls. 10 oz.		bbls.	... : 21 1/4	USP, 300lb bbls. 10 bbls. 100 lb	... : 2.50
lots oz	... : 7.42	Imp. powd. USP, 224lb bbls.... lb	20 1/4 : .21	Carrots, bbls. 100 lb	2.10 : 2.15
Sulfate, 1 oz. vls. 10 oz. lots. oz	... : 7.92	200lb bags, wet. lb	... : 4.21	Imported, 400lb bbls. 100 lb	1.75 : 2.00
Small Sizes, 1/2 oz. vials, 50c extra,		Coumarin, 25lb tins	3.25 : 3.45	100lb bags.... 100 lb	2.00 : 2.25
1/4 oz. 30c extra, singles 7c extra		Second Hands	3.25 : 3.30	Ergotin, Bonjean, 1lb jars.... lb	6.00 : 6.35
per oz.—25 oz. lots, 10c oz. cheaper		CREAM TARTAR, USP. 300lb		Eserine alk., 1 oz. vial.... oz	... : 24.07
than above. Less than 10 oz. 15c oz.		bbls.	... : 21 1/4	Salicylate, USP 1 oz. vial... oz	16.07
higher than above.		Imp. powd. USP, 224lb bbls.... lb	20 1/4 : .21	Sulfate, USP VIII, 1 oz. vial... oz	11.07
COD LIVER OIL, Norwegian, 30 gal.		Cresote, USP, 42lb cans.... lb	... : .45	ETHER, USP 55lb drums.... lb	... : .13
bbls. bbl. 24.50 : 25.50		Carbonate, 1lb bot. 25lb lb	1.70 : 1.80	Anesthesia, 55lb drums.... lb	... : .16
Newfoundland, 30 gal. bbls. bbl	... : ...	Cresote oil, 50 gal. drs.... gal	.26 : .30	USP, 1880 55lb drums.... lb	... : .40
Colchicine alk USP 1 oz. vial... oz	... : 15.07	Cresol, USP, 400lb drums.... lb	.22 : .23	Washed, 55lb drums.... lb	... : .33
Salicylate, 1 oz. vial.... oz	... : 15.07	Cyanamide, carb. c/l wks. Amm. unit	1.90 : 2.00	Motor, 1lb cans.... lb	.24 : .27
Collodion USP 30lb drums.... lb	... : .23	DIAMINOPHENOL, 160lb kegs.... lb	... : 3.80	Ether, Nitrous, 1lb bot.... lb	.92 : .95
		Dianidine, 100lb kegs.... lb	4.00 : 4.50	Ethyl Benzyl Aniline, 300lb drs. lb	... : 1.35



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Chemicals

Ethyl Acetate, 99%, 50 gal. dr./gal	1.15	: 1.18	Gelatin, USP silver lbi. 100 lb. ca. lb	.71	: .72	Hydrastinine Hydrochloride, USP 15 gr.
85% Ester, 100 gal. dr./gal		: .95	Gold Label, 100 lb. cases.....lb			vials .....vial
Carots, drums .....gal		: .92	Technical, 100 lb. ca.....lb	.63	: .65	... : 1.00
Tanks Cars .....gal		: .90	GLAUBER'S SALT, tech. 300 lb. bags			Hydrasobenene 100 lb. kgs.....lb
Refined, drums .....gal	1.77	: 1.90	le/l wks .....100 lb	1.15	: 1.25	HYDROGEN PEROXIDE, 25vol. 400 lb.
Gromide 115 lb. drs.....lb		: .40	350 lb. bbls. c/l wks .....100 lb		: 1.25	bbls. ....bbls.
Chloride, 15 lb. cyl.....lb		: .35	Imported, bbls. spot .....100 lb	1.30	: 1.65	100 vol. 145 lb. chys.....lb
Methyl Ketone, 50 gal. drums. lb	.25	: .25%	USP, 300 lb. bbls. Imp. sp. 100 lb	.85	: .90	100 vol. 145 lb. chys.....lb
Morphine, see Morphine, Ethyl			USP, 300 lb. bbls. dom. sp.100 lb		: 1.25	USP bot. 4 oz. cases.....grms
Silphene Bromide, 600 lb. drs.....lb		: .60	USP, 300 lb. bbls. c/l wks.100 lb		: 1.40	Bot. 8 oz. cases.....grms
Glycol .....lb	.65	: 1.00	Calcedine, see Sodium Sulfate			Bot. 16 oz. cases.....grms
Chlorhydrin, amyo, 50 gal. drs. lb	.75	: .85	Glucose, (Grape Sugar) dry, 100			Hydroquinone, 100 lb. kgs.....lb
40% Solution, 50 gal. bbls. lb	.25	: .25	70° bags, c/l NY.....100 lb	4.29	: 4.54	Hyoscine Hydrobrom. USP 1 oz.
Dichloride, 50 gal. drs.....lb	.20	: .25	Syrup, Drs. & bbls, c/l NY100 lb	4.26	: 4.45	vial .....vial
Thiobenzeneamine, 50 lb. cases.....lb		: .70	le/l NY .....100 lb	4.86	: 4.85	Five ons., 1 oz. vials.....oz
Decylpar, 25 lb. cases.....lb	.75	: .80	GLUE, pure white, bbls.....lb	.22	: .26	Hyoscine Alk. Cryst. 1 oz. vials.....oz
Feldspar, bulk .....ton	20.00	: 25.00	Medium white, bbls.....lb	.20	: .24	Aalkloid, Amorphous, 1 oz. vials.....oz
FERRIC CHLORIDE, tech. crys.			French, bbls.....lb	.18	: .25	Hydrobromide, USP 1 oz. vials.....oz
475 lb. bbls.....lb		: .07	High Grade, bbls.....lb	.55	: .40	Sulfate, 1 oz. vials.....oz
Imported .....lb	.06	: .06%	Bone, regular, bbls.....lb	.10	: .12	INDOL. C. P. 1 oz. bot. ....oz
USP, crys. 100 lb. kgs.....lb		: .08	Fish, bbls.....gal	1.50	: 1.75	Iodides, see Potash Iodide, etc.
Imported .....lb		: .07%	Graphite, crude 230 lb. bags.....ton	.19	: 19%	
Neut. Sol'n 40° 140 lb. chys. lb		: .06	Cars, 50 lb. bags.....lb	.20	: .22	IODINE, crude, 200 lb. kgs.....lb
48°, 140 chys. lb		: .08	Dynamite, 100 lb. drs.....lb	.18%	Resublimed, 10 lb. jars.....lb	
USP Sol'n 125 lb. chys. lb		: .05%	Saponification, tanks.....lb	.18%	Tincture, USP, 50 gal. bbls. gal	
Ferrous Chloride, crys. tech.			Soap, Lye tanks .....lb	.12%	Carboxy .....lb	
475 lb. bbls.....lb		: .06	Gas Powder, see chrysocarbin			
Ferrous Sulfide, 1000 lb. bbls. 100 lb	2.60	: 3.00	Graphite, crude 230 lb. bags.....ton	15.00	: 35.00	Iodine, 10 lb. bot. ....oz
Flake White, see lead, white			Flake, 500 lb. bbls.....lb	.05	: .09	Iron, metal by hydrogen 1 lb. bot. lb
Fluorpar, 95% 220 lb. bgs. ex-			Ground, lump, bbls.....lb	.04	: .05	IRON & AMM. CITRATE, USP 25 lb
dock .....ton		: 25.00	Guaiacol Liquid, USP, 25 lb. cans. lb	2.35	: 2.45	cam .....cam
98% bgs. .....ton		: 33.50	Benzocate, 1 lb. bot. ....lb		: 18.00	Green scales, 25 lb. cans.....lb
98% bgs. .....ton		: 35.00	Carbonate, 5 lb. boxes.....lb	4.80	: 4.75	Cacodylate, 10 lb. bot. ....lb
FORMALDEHYDE, UMP 400 lb. bbls.			Second Hands .....lb	2.80	: 3.75	Clitate, USP VIII 25 lb. cans.....lb
c/l wks. .....lb	.00%	: .09%	HAARLEM OIL, Dom. 6 gr. ex. gross	2.75	: 3.00	Chloride, see ferrie or ferrous
Carbonyl, 100 lb. le/l wks. ....lb		: .10%	Imported, 5 gr. cases.....grms	4.00	: 4.25	Hydrophosphate, 5 lb. cans.....lb
Bbls., 400 lb. le/l wks. ....lb	.10	: .10%	Halasone, 5 lb. bot. ....lb	2.75	: 3.25	Syrup, USP VIII .....lb
Second Hands .....lb	.09	: .10	Hexamethylenetetramine, USP			Iodide, 1 lb. bot. ....lb
Fossil Flour .....lb		: .04	100 lb. drums .....lb	.75	: .77%	Nitrate, kgs. ....lb
Formalindine .....lb		: .50	Imported .....lb	.65	: .67	Com'l. bbls. ....100 lb. cans.....lb
Fuller's Earth, 200 lb. bgs. c/l			Rubber Makers Imply. Pd. ....lb			Oxide scale, 25 lb. cans.....lb
mines .....ton	15.00	: 17.00	Homatropine Hydrobrom. USP 1 oz.			Oxide red, Spanish .....lb
Imported, 250 lb. bags NY. ....ton	35.00	: 40.00	vial .....oz			& Ammon. Oxalate 25 lb. bxs. lb
Furfural, 300 lb. bbls. ....lb		: .25	Pine oix. 1 oz. vials.....oz		: 14.57	& Potassium Oxalate, 25 lb. bxs. lb
Fuel Oil, refined, 50 gal. drn. gal	3.50	: 3.75	Hydrate Alk., USP, 1 oz. vials.....oz	14.00	: 13.50	& Sodium Oxalate, 25 lb. bxs. lb
Crude, 50 gal. drum. ....gal	2.25	: 2.35	Hydrochloride, USP, 1 oz. vials.....oz	14.57		Phosphate, USP 25 lb. cans.....lb
SALT, paste 250 lb. bbls. basis			Sulfate, 1 oz. vials.....oz		: 14.57	Pyrophosphate, USP 25 lb
100%lb	.60	: .65				canslb
						.84 : .86

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Norvell Chemical
Corporation

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It requires more than a solvent for nitro-cellulose to make a good lacquer. The solvents used must—

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Chemicals

JALAP RESIN, lump 5 lb tins..lb	3.25	: 3.35	Linalool, 5 lb bot.....lb	6.25	: 6.75	Manganese—(continued)
Powd. tins.....lb	3.40	: 3.50	Litharge, see lead oxide			Glycerophosphate, 5 lb tins....lb
Kapok, 200 lb double bales...lb	.25	: .26	Lithium Carb. USP, 100 lb kgs..lb	1.50	: 1.60	... : 2.95
KIESELEGUNN, 95 lb bags NY...ton	60.00	: 70.00	Bromide, 100 lb cs.....lb	1.75	: 1.85	Hypophos. USP VIII 5 lb cans..lb
LANGOLIN, see Adaga Lanas			Citrate, USP, 100 lb kegs...lb	1.70	: 1.75	Iodide, 1 lb bot.....lb
LEAD, metal c/NY.....100 lb	8.00	: 8.15	Iodide, 5 lb bot.....lb		: 7.50	Ore, bulk, NY.....lb
Acetate, white crystals 500 lb bbls. wks.....lb		: .14%	Lithopone, 400 lb bbls. lc/l wks..lb		: .06%	Sulfate, 600 lb casks NY....lb
100 to 250 lb kgs. wks..lb		: .15	Bags, c/l wks.....lb		: .06%	Marble Flour, bulk .....ton
White, broken, bbls. wks.100 lb		: 13.90	Imported, 400 lb bbls.....lb		: .05%	10.00 : 12.00
White, gran., bbls. wks.100 lb		: 14.15	Litmus Cubes.....lb	.90	: 1.00	See also Calcium Carbonate
White, powd., bbls. wks.100 lb		: 15.25	MAGNESITE, crude .....ton		: 15.00	MENTHOL, USP, 60 lb cases....lb
Kegs, wks.....lb		: .15%	Calcin'd, 500 lb bbls.....ton		: 55.00	... : 13.59
Brown, broken, bbls. wks..lb		: .13%	Magnesium mtl., sticks 100 lb cs..lb	1.25	: 1.36	Domestic, USP, 60 lb cases....lb
USP, 100 lb kegs.....lb		: .16	Carb. tech. 70 lb bags NY...lb		: .05	MERCURY, metal, 75 lb flasks....flask
Arsenate, 100 lb bbls. lc/l wks..lb	.31	: .26	75 lb bbls. NY.....lb		: .03%	72.50 : 73.00
Bbls. c/l wks.....lb	.17	: .19	USP, 60 lb bbls.....lb		: .09%	Less Flasks, 5 lb jugs....lb
Paste, 100 & 600 lb bbls..lb	.10	: .15	USP, blocks 100 lb cs. 1, 2, 4 ozs.....lb		: .12	: 1.10
Iodide, USP VIII 5 lb bot...lb	3.20	: 3.40	Chloride, fused 575 lb drs. c/l wks.....ton		: .19	Bichloride, cryst. 25 lb bxs...lb
Nitrate, 500 lb bbls. wks..lb		: .12	Flaked, 350 lb drs. wks c/l ton		: 34.00	... : 1.13
Oxide, lithg, 500 lb bbls...lb		: .10%	Imp., fused 900 lb bbls. NY.ton	26.00	: 28.00	Gran. powd., 200 lb kegs....lb
100 lb kegs, wks.....lb		: .15	Fluorosilicate, crystals 400 lb bbls. wks.....lb		: .12	Bisulfate, 25 lb boxes.....lb
Oxide, red 500 lb bbls. wks..lb		: .11	30% soin. 500 lb bbls. wks..lb	.07	: .07%	Blue Mass, 25 lb boxes....lb
100 lb kegs, wks.....lb		: .15	Soln. bbls. c/l wks.....lb		: .06	Powdered, 25 lb boxes....lb
Peroxide, 100 lb drs....lb	.35	: .38	Glycerophosphate, 5 lb tins....lb		: 3.25	Blue Ointment, USP 25 lb cans 50% .....lb
White, basic carb. 500 lb bbls. wks.....lb		: .10	Hypophosphite, 5 lb cans....lb		: 1.05	... : .66
Bbls. c/l wks.....lb		: .10	Oxide, USP light 100 lb bbls..lb		: .45	33 1/4% Mercury .....lb
100 lb kegs, wks.....lb		: .14%	USP, heavy 250 lb bbls....lb		: .50	Calomel, 50 lb bxs.....lb
White, sulfate 500 lb bbls.wks..lb		: .09%	Peroxide, 5 lb cans....lb		: 2.40	Citrine Ointment 25 lb jars..lb
Bbls. c/l wks.....lb		: .09%	Potassium, 1 lb tins....lb		: 2.62	Iodide, green 25 lb jars....lb
LICORICE Ext. Mass, cases....lb	.25	: .26	Salicylate, 100 lb kegs....lb		: .70	Red, USP 25 lb jars....lb
Compound powder, bbls.....lb	.11	: .13	Sulfate, see Epsom Salts			Yellow, USP VIII 25 lb jars..lb
Powdered .....lb	.38	: .40	Manganese Chloride, 600 lb esk. NY .....lb		: .09%	... : 4.10
Sticks, 1 oz. 100 lb cases....lb	.45	: .50	Borate, 30%, 200 lb bbls....lb		: .24	Red, USP 25 lb jars....lb
LIME (Salts, see Calcium Salts)			100 lb kegs .....lb		: .25	Yellow, USP VIII 25 lb jars..lb
LIME (Salts, see Calcium Salts)			Dioxide, 30-84% 900 lb bbls. NY .....ton	20.00	: 25.00	... : 4.20
Live, 325 lb bbls. ton lots, wks..lb		: .01%	85-90%, 900 lb bbls. NY.ton	25.00	: 35.00	Oxide, Yellow, USP, 25 lb. bxs..lb
Single bbl. wks.....lb		: .01%	Hydrated, precip. 100 lb kg..lb		: .15	... : 1.65
Hydrated, 167 lb bbl. ton lots, wks.....lb		: .01%	Dioxide, 30-84% 900 lb bbls. NY .....ton	20.00	: 25.00	Red Precip. USP, 25 lb. bxs..lb
Single bbl. wks.....lb		: .01%	85-90%, 900 lb bbls. NY.ton	25.00	: 35.00	Powder, USP 25 lb. bxs..lb
Oyster Shell, 150 lb bbl. single..lb		: .03%	Hydrated, precip. 100 lb kg..lb		: .15	... : 1.84
Sulfur, dry 200 lb drs. NY...lb		: .08%				White Precip. USP 25 lb. bxs..lb
Dr. c/l NY .....lb		: .08				Powdered, USP 25 lb. bxs..lb
33° Soln. 50 gal. bbls. NY.gal	.15	: .16				With chalk, USP 25 lb. bxs..lb
						: .66
						Meta-Nitraniline .....lb
						.70 : .80
						Meta-Nitro-Toluidine, 300 lb bbls.....lb
						... : 2.20
						Meta-Phenylenediamine, 300 lb bbls.....lb
						.90 : .95
						Meta-Toluylenediamine, 300 lb bbls.....lb
						.85 : .89

ACETATES

AMYL BUTYL ETHYL



The Miner Edgar Company
Rail and Water Facilities
 110 William Street
 New York

Chemicals

METHANOL (Wood Alcohol)						
95% tanks	gal	: .67	Musk Ambrette, 1 lb cans	lb	15.00	: 16.00
Drums, c/l	gal	: .70	NAPHTHA, See Solvent Naphtha			
Drums, 1c/l	gal	: .72	NAPHTHALENE, Flake, 175 lb bbls.			
97% tanks	gal	: .69	wks.	lb	: .05%	
Drums, c/l	gal	: .72	Bbls., c/l wks.	lb	: .05	
Drums, 1c/l	gal	: .74	Bbls., second hand, NY	lb	: .05	: .05%
Pure, Acetone free, tins	gal	: .75	Balls, 250 lb bbls. wks.	lb	: .06	
Drums, c/l	gal	: .77	Bbls., c/l wks.	lb	: .05%	
Drums, 1c/l	gal	: .80	Bbls., second hand, NY	lb	: .05%	
Wt's incl. 5c higher			Crushed, chipped, bgs., wks.	lb	: .04%	
Methyl Acetone, 100 gal. drums	gal	: .75 : .80	Crude, imp., bags	lb	: .02	
Tanks, car. 450 gal. gal	gal	: .70 : .75	Nickel Metal, electrolytic 100 lb kgs.	lb	: .30	
Chloride, 90 lb cyl.	lb	: .50	Ingot, 100 lb kgs.	lb	: .29	: .32
Salicylate, USP, 50 lb cases	lb	: .47	Salt, single 400 lb bbls. NY	lb	: .11	: .12
500 lb drums	lb	: .45	Double, 400 lb bbls. NY	lb	: .10	: .11
Second Hand, cases	lb	: .44 : .45	Oxide, 100 lb kgs. NY	lb	: .40	: .42
Methylene Blue, tech. 100 lb kgs. lb	lb	1.25 : 1.50	Sulfate, 450 lb bbls.	lb	: .07	
USP, medicinal 5 lb cans	lb	1.00 : 2.30	Nicotine, Free 40%, 8 lb tins	lb	1.35 : 1.90	
Michler's Ketone, 225 lb bbls.	lb	: 3.75	Sulfate, 10 lb tins, 40%	lb	1.05 : 1.25	
Milk Sugar, powdered 150 lb bbls.	lb	: .14 : .15	Nite Cake, bulk wks.	ton	5.50 : 6.00	
Milk Sugar, see sugar of milk			500 lb bbls.	ton	13.00 : 14.00	
Mineral Oil, see oil mineral			Nitrobenzene, crude, 1000 lb drs. wks.	lb		
Mineral Rubber			Redistilled, 1000 lb drs. wks.	lb	.09 : .09%	
Monacetin, 100 gal. drums	lb	: .50	Paraldehyde, 100 gal. drs.	lb	.09% : .10%	
Monochlorobenzene, see chlorobenzene			Paraformaldehyde, USP 100 lb cs. lb	lb		
Monochloroaniline, 900 lb drs.	lb	1.25 : 1.50	Para-Nitrochlorobenzene, 1200 lb drs.	lb		
Monosodium para-phenyl sulfate 100 lb drs.	lb	3.95 : 4.20	Para-Nitrochloroaniline, 300 lb bbls.	lb		
MORPHINE Sulfate, USP 5 oz. tins			Para-Nitro-ortho-Toluidine, 300 lb bbls.	lb		
10 oz.	oz	: 7.35	Para-Nitrophenol, 185 lb bbls.	lb		
Acetate, 5 oz. tins 10 oz. lots	oz	: 7.35	Para-Nitromethylaniline, 120 lb bbls.	lb		
Hydrobromide, 5 oz. tins 10 oz. lots	oz	: 7.35	Para-Nitrophenol, 350 lb bbls.	lb		
Hydichlide, 5 oz. tins 10 oz. lots	oz	: 7.35	Para-Oxy Benzaldehyde, 100 lb kgs.	lb		
Ethyl Hydichlide, 1/2 oz. vials 10 oz.	oz	: 11.45	Ortho-Aminophenol, 50 lb kgs.	lb	2.40 : 2.50	
Small Sizes: 1/4 oz. vials, 50c extra; 1/4c 25c extra; single on vial, 7c ex- tra, over price for 5 oz. tins, 25 oz. lots in 5 oz. tins, 10c oz. lower than above schedule. Less than 10 oz. lots 15c oz. higher than above schedule.			Ortho-Anisidine, 100 lb drs.	lb		
			wks.	lb	: 3.00	
			Ortho-Dichlorobenzene, 1000 lb drs. wks.	lb		
			Ortho-Nitrochlorobenzene, 1200 lb drs. wks.	lb	.05% : .06	
			Ortho-Nitrophenol, 350 lb bbls.	lb	.35 : .40	
			Ortho-Nitrophenol, 350 lb bbls.	lb		
			Ortho-Nitrotoluene, 1000 lb drs. wks.	lb		
				lb	.09 : .10	



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PARIS GREEN

Arsenic Basic, 500 lb kgs...lb	.25	: .30
Kgs., 100 lbs...lb	.32	: .33
Kits, 56, 28, 14 lbs...lb	.34	: .35
Packages, 5 and 2 lbs...lb	.36	: .37
Packages, 1 lb, ½, ¼ lbs...lb	.39	: .43
Paris White, see whiting, French		
Pepdin, USP, 5 lb bot....lb	2.25	: 2.50
PETROLATUM, green 300 lb bbls...lb	.02½	: .03
Dark Amber, 300 lb bbls...lb	.05½	: .04
Light Amber, 300 lb bbls...lb	.04½	: .05
Cream White, USP 300 lb bbls...lb	.07	: .07½
Lily White, USP, 300 lb bbls...lb	.09	: .09½
Snow White, USP, 300 lb bbls...lb	.12½	: .13
Phenol, see also acid carbolic		
Makers, 900 lb drums, wks...lb	.24	: .25
Small drums, 100-240 lb	.25	: .27
Open market, drs.	.25	: .25
240 lb drs. drs. wks...lb	.25	: .25
Natural, 240 lb drs. drs. wks...lb	...	: ...
Imported, 336 lb drs. drs. wks...lb	...	: ...
Phenolphthalein, USP, 100 lb drs...lb	1.30	: 1.40
5 lb cans, 100 lb lots...lb	1.40	: 1.50
Phenyl-Alpha-Naphthylamine 100 lb kgs...lb	...	: ...
Phenylethylalcohol, 1 lb bot...lb	6.75	: 8.75
Imported	7.75	: 9.75
Phenylethylmalonylurea, ex. pks...oz	...	: 5.50
Phogrene, 100 lb cylinders...lb	...	: 1.00
Phosphorus Oxychloride, 175 lb cyl...lb	.35	: .40
Phosphorus, red 110 lb cs. wks...lb	...	: ...
Imported, 112 lb cases...lb	.90	: 1.00
Yellow, 110 lb cs. wks...lb	.35	: .37½
Imported, 112 lb cases...lb	...	: ...
Phosphorus Trichloride, 175 lb cyl. wks...lb	...	: .45
Phthalic Anhydride, 100 lb bbls...lb	.23	: .28
Pilocarpine Hydrochloride, USP 25 oz. lots, 1 or 2 vials...oz	3.00	: 3.32
Nitrate, 25 oz...oz	...	: 3.00
Single oz...oz	...	: 3.32
Alkaloid, 15 gr. vls...oz	...	: .85

Piperazine Hydrate, 1 lb bot....lb

...	: 16.00
Piperidine, 25 oz...oz	1.10 : 1.35
Pitch, Coal-Tar, wks...ton	24.00 : 28.00
Plaster Paris, tech 250 lb bbls/bbl	...
True Dental, 300 bbls...bbl	... : 4.50

POTASSIUM—(Continued)

Chlorate, crys. 112 lb kgs. c/l wks.	...
Imp. 112 lb kgs NY...lb	.08 : .08%
Powd., 112 lb kgs wks...lb	.07½ : .08
Imp., kgs NY	.08½ : .07
Gran. Imp. 112 lb kgs NY...lb	.10½ : .11
Pyrotechnic, fine powd. NY...lb	...
USP, fine crys. 110 lb kgs NY	...
Citrate, USP 10 lb cans...lb	.07 : .07½
Cyanide, 110 lb cans...lb	.60 : .65
Glycerophosphate, 75% Soln. 25 lb tins	1.35 : 1.60
Guaiacol Sulfonate, 5 lb cans, 10 lb	2.00 : 2.25
Hypophosphite, 10 lb cans...lb	.80 : .85
Iodide, USP, 100 lb cases...lb	3.75 : 3.80
Second Hands cases	3.60 : 3.70
Lactophosphate, 4cs bot...oz	...
Metabisulfite, 300 lb bbls...lb	.18 : .20
Imp. 550 lb bbls...lb	.10 : .13
Muriate, 80%, 200 lb bags, NY K ₂ O unit	...
Nitrate, see Saltpetre	
Oxalate, neutral, 100 lb kgs...lb	.35 : .40
Perchlorate, 112 lb kgs...lb	.09½ : .10
PERMANGAN, USP, crys. 500 lb & 100 lb drs. wks...lb	...
Imp. 112 lb drs...lb	.13½ : .13%
Prussiate, yellow, 500 lb casks...lb	17½ : 18
500 lb casks	.38 : .40
Prussiate, yellow, 500 lb cans...lb	.17½ : .18
Salicylate, 25 lb cans...lb	.60 : .65
Sulfate, 200 lb bags, NY K ₂ O unit	...
USP, VIII, 100 lb kegs...lb	.15 : .18
Sulfocyanide, CP 25 lb jars...lb	...
Tartrate, neutral, 100 lb kegs...lb	...
Titanium Oxalate 200 lb bbls...lb	.25 : .30

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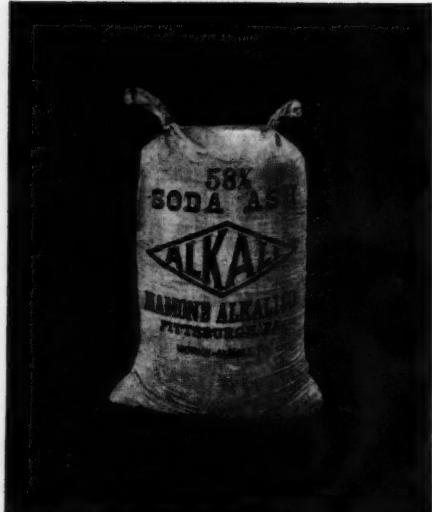
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which proves it is *not* STANDARD.

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 Dense—Light
 Solvay 76% Caustic Soda
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 Solvay Tanners Alkali
 Solvay Tanners Soda
 Solvay Liquid Caustic Soda
 Solvay Calcium Chloride 73%—75%



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Chemicals

SODA CAUSTIC—(Continued)

Paste, and spot, Basis 75%	
c/l wks. 100 lb	... : 3.30
Contract, 74% low grade c/l wks. flat 100 lb	... : 3.02
Ground & flake, 75% paste, and spot, wks. c/l drs. 100 lb	... : 3.60
Contract, 75% drums, c/l wks flat 100 lb	... : 3.50
UPC, stick, 10 lb cans. lb	.19 : .21
Pure, stick, by alcohol. lb	.25 : .27
SODIUM ACETATE , cry. 450 lb bbls wks. lb	.04% : .05%
Aluminate, 500 lb bbls, wks. lb	.07% : .08
Arenite, 4 lb mat. wks, drums gal Drums, 8 lb material, wks. lb	1.00 : 1.20
Bromate, UPC, 100 lb bbls. lb	.62 : .65
Bicarbonate, 400 lb bbls, NY. lb	... : 2.25
Bbls, c/l wks. 100 lb	... : 2.00
112 lb kegs wks. 100 lb	... : 2.25
112 lb kegs, NY. 100 lb	... : 2.50
Chloromate, 600 lb cans, wks. lb	... : .97
Cassis, c/l wks. lb	.08% : .07
Cassis, NY. lb	.08% : .07
Rheubarb, dry powder, 500 lb bols, wks. lb	... : .04
Solution, 32-40%, 500 lb bbls wks. 100 lb	1.35 : 1.75
Bromate, 100 lb cs. lb	... : 1.05
BROMIDE , UPC, 450 lb bbls. lb	... : .88
Cass., 50 lb. lb	... : .39
Imp. UPC, 112 lb cs. lb	.32 : .34
Cyanhydrate, 5 lb. bot. 25 lb. lb	5.50 : 5.90
Carbonate, sal. soda, 350 lb bbls le/l NY. 100 lb	1.30 : 1.35
Works, c/l 100 lb	1.10 : 1.30
Monohydrite, 400 lb bbls le/l NY. 100 lb	... : 2.40
Pure photographic, 100 lb kg. lb	.06 : .08
Chlorate, 112 lb kegs, wks. lb	... : .06%
Imported, 112 lb kegs. lb	.06% : .06%

SODIUM—(Continued)

Chloride, tech. 200 lb bags. ton	12.00 : 13.00
C. P., 300 lb bbls. lb	.05 : .06
Chromate, 800 lb bbls. lb	... : .05
Citrate, UPC, IX, 100 lb kegs. lb	.62 : .66
USP, VIII, 100 lb kegs. lb	.55 : .59
Cyanide, 95-98%, 100 lb cases wks. lb	... : .22
Ton lots, wks. lb	... : .23
73-76%, 100 lb cases, wks. lb	... : 19%
122-125%, 200 lb cs. lb	.20 : 20%
120-125%, 200 lb cs. lb	.16 : 17
118-120%, 200 lb cs. lb	.18 : 19
Fluoride, 300 lb bbls, wks. lb	.06% : .09%
Imp. 350 lb bbls. lb	... : .08%
Glycerophos. UPC, cry. 25 lb cans. lb	1.40 : 1.50
Powder, 25 lb time. lb	1.45 : 1.60
Solution, UPC, 25 lb time. lb	1.05 : 1.15
Hydrochlorite, Soda, 100 lb crys. lb	... : .05
14½% stain, 50 lb drs. lb	... : .04
Hydroxylite, 200 lb bbls, fob, wks. lb	.22 : .24
For Stripping, 50 lb cans. lb	.35 : .40
Hypophosphite, UPC, 25 lb cans bols. lb	.70 : .75
HYPOSULFITE , tech. pea crys. 375 lb bbls, wks. 100 lb	2.65 : 3.05
Bbls, c/l wks. 100 lb	... : 2.50
100 lb kegs, wks. 100 lb	2.75 : 3.35
Imp. 100 lb kegs. 100 lb	2.65 : 2.75
Granulated, bbls, wks. 100 lb	2.90 : 3.30
Bbls, c/l wks. 100 lb	... : 2.75
Kegs, wks. 100 lb	3.00 : 3.60
Regular crystals. 100 lb	2.35 : 2.65
Iodide, UPC, 25 lb jars. lb	4.25 : 4.80
Metanilate, 150 lb bbls. lb	.55 : .70
Naphthionate, 300 lb bbls. lb	.59 : .62
Nitrate, crude, 95%, 200 lb bags c/l NY. 100 lb	... : 2.42
Future N.Y. 100 lb	2.42 : 2.47
Double Refined 400 lb bbls gran. c/l wks. lb	... : .04%
Nitrite, 500 lb bbls, wks. lb	... : .08%
Bbls, spot, makers. lb	... : ...
Imp. 650 lb cans. lb	.09 : .09%

SODIUM—(Continued)

Ortho-Chloro-Toluene Sulfonate, 175 lb bbls, wks. lb	.25 : .27
Oxalate, neutral, 100 lb kegs. lb	... : .30
Perborate, 275 lb bbls. lb	... : .23%
Imp. 225 lb drs. lb	... : .22
Peroxide, 200 lb cases. lb	.25 : .27
Phosphate, di-sodium, tech. 550 lb bbls. lb	.03% : .03%
USP, gran. 275 bbls. lb	.07 : .07%
Imp. gran. lb	.05% : .06%
USP, recrys. 275 bbls. lb	.10 : .11
Mono-sodium, 100 lb kegs. lb	.34 : .36
Tri-sodium, tech. c/l, bbls. lb	.03% : .04
Picramate, 100 lb kegs. lb	... : .60
Para-Toluene Sulfonate, 175 lb bbls. lb	.08 : .09
PRUSSIA , yellow, 250 lb bbls, B. lb	.09% : .10
Imp. 450 lb cks. lb	.09% : .09%
Pyrophosphate, 100 lb kegs. lb	.24 : .26
Salticate, 100 lb kegs. lb	... : .40
Second Hand, UPC, kegs. lb	.31 : .40
Silicate, 60° 700 lb bbls, f.o.b. NY. 100 lb	... : 1.00
Works, 1000 lb drums. 100 lb	... : 1.00
Works, tanks. 100 lb	... : 1.75
40° domestic, 700 lb c/l f.o.b. wks. 100 lb	... : .85
Works, 1000 lb drums. 100 lb	... : .85
Works, tanks. 100 lb	... : .75
Spot, drums, bbls. 100 lb	1.05 : 1.30
Silicofluoride, 450 lb bbls, NY. lb	... : .06
Sulphate, see Glauber's Salt	
Sulfate, Anhydrous, 550 lb bbls, c/l lb	.03% : .05
Impt. 250 lb bbls. lb	... : .03
Sulfide, 60% solid, 650 lb drs. le/l wks. lb	... : .04 : .04%
Drs. c/l wks. lb	.03 : .03
Imp. 700 lb drs. NY. lb	... : ...
60% broken, 650 lb drs wks. lb	.04% : .05
Imp., 500 lb drs. NY. lb	.03% : .04
30% crys. 440 lb bbls, wks. lb	.02 : .02%
Imp., 400 lb bbls. lb	.02% : .02%
Sulfite, crys. 400 lb bbls, wks. lb	.03% : .05%
Anhydrous, 400 lb bbls. lb	.09% : .10



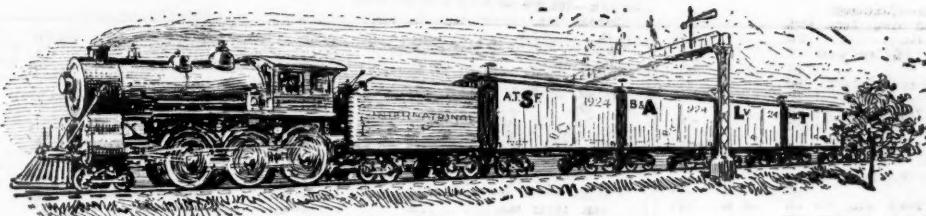
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Chemicals

SODIUM—(Continued)

Sulfocarbonate, USP 100 lb kegs	.85	: .87	SULFUR, crude bulk, e/l NY...ton	18.00	: 19.00	Thiocarbanilid, 170 lb bbls....lb	.27	: .29
Sulfocyanide, 400 lb. bbls....lb	.45	: .47	Crude, f.o.b. mines ....ton	14.00	: 15.00	Thymol, USP, 25 lb tins....lb	4.25	: 4.50
Tungstate, crys. 100 lb kegs....lb	.55	: .60	Brimstone, 250 lb bags, e/l 100 lb	1.75	: 1.85	Iodide, 5 lb boxes ....lb	7.00	: 7.25
Anhydrous, kegs ....lb	...	: .75	Lan e/l bags NY.....100 lb	1.85	: 2.10	TIN, Metal Straits, NY.....100 lb	...	: 45.75
SOLVENT NAPHTHA, 110 gal. drn. wks .....gal	...	: .29	Roll, 500 lb bbls, e/l NY 100 lb	...	: 2.15	American standard, NY.....100 lb	...	: 45.62
8000 gal tank cars wks. gal.	...	: .24	Lan e/l bags NY.....100 lb	2.20	: 2.45	99% American, NY.....100 lb	...	: 45.25
Sparitein Sulfate, USP, 250 lb bulk....os	.30	: .40	Flour, Heavy, 290 lb bbls, 100 lb	2.50	: 3.05	Bichloride, 56% soln., 100 lb	...	
Single os. vial.	...	: .47	bbls, NY.....100 lb	2.60	: 3.15	bbls, wks. ....lb	...	
Starch, rice, 140 lb bags....lb	.68	: .10	Rubbermakers 100%, 240 lb	...		Crystals, 500 lb bbls, wks....lb	...	: .14%
STRONTIUM Bromide, USP, 50 lb kegs	...		Commercial, 99%, 150 lb bgs.	...		100 lb kegs, wks....lb	...	: .87%
Cart. 600 lb bbls, wks....lb	.41	: .42	NY.....100 lb	1.35	: 1.65	Oxide, 400 lb bbls, wks....lb	...	: .56
100 lb kegs wks....lb	...	: .07	For Dusting, 99%, 100 lb	...		100 lb drws. bbls....lb	...	: .57
Iodide, USP, 25 lb jars....lb	...	: .08	Flowers, 100%, 240 lb bbls.	...		Tetrachloride, 350 lb bbls....lb	...	: .80
Nitrate, 500 lb bbls, wks....lb	.10	: 1.0%	Precipitated, 125 lb bbls, NY.....100 lb	.14	: .17	Toluidine, 350 lb bbls....lb	1.00	: 1.10
Imp., bbls, NY.....lb	...	: .09	Lac, 125 lb bbls NY.....100 lb	.07	: .10	Toluene, 8000 gal tank car, wks. gal	...	: .26
Salicylate, USP, 100 lb kegs....lb	.70	: .75	Sulfur Chloride, red, 700 lb drs.	...		110 gal. drs. wks....lb	...	: .81
STYRENE Alkaloid, USP, crys. 100 oz. on tins....os	...	: .71	wks. ....lb	.06	: .07	Toluuidine, Mixed, 900 lb drs. wks. lb	.31	: .33
Alk. powd., USP....os	...	: .61	150 lb chrys. wks....lb	...		Triacetin, 50 gal. drs. wks....lb	...	: .37%
Acetate....os	...	: .78	Yellow, 700 lb drs. wks....lb	.05	: .06	Tribromophenol, 100 lb cases....lb	...	: 1.00
Glyceroephosphate, USP....os	...	: .78	150 lb chrys. wks....lb	...		Triphenylguanidine....lb	...	: .80
Hydrochloride....os	...	: .78	Sulfur Dioxide, 100 lb cyl....lb	.08	: .08½	Triphenyl Phosphate, 450 lb bbls. bbls....lb	...	: .55
Hydrochloride....os	...	: .78	Iodide, USP, VIII, 5 lb bot. ....lb	...		Tripoli, 500 lb bbls....lb	...	: 2.50
Hypophosphite....os	...	: .88	Sulfuric Ether, see Ether	...		Tungsten NY.....W ₂ unit	8.25	: 9.00
Nitrate, USP....os	...	: .78	Sulfuryl Chloride, 600 lb drs....lb	.75	: 1.00	Ultramarine Blue....lb	...	: .25
Phosphate....os	...	: .78	TALC, Italian 220 lb bags NY....ton	40.00	: 50.00	UREA, pure, 112 lb cases....lb	.18	: .30
Sulfate, USP, crys. powd....os	...	: .49½	Refined white, bags....ton	60.00	: 80.00	VANILLIN, USP, 5000 cans....os	...	: .49%
Saccharinate....os	...	: 1.00	French, 220 lb bgs, NY.....ton	30.00	: 35.00	Cans, 80 oz....os	...	: .50
Styrchnine preparations quoted bases 1000 lbs in 1000 tins. Small Sizes; 1½ oz vials, 50c extra; ¼ oz vials, 25c extra; single ounce vials, 7c extra. Lots of 25 oz. 5¢ higher than above schedule. Lots of less than 25 oz. 10¢ higher per oz.	...		Refined, white, bags....ton	35.00	: 45.00	Cans, 16 ozs....os	...	: .51
Sugar Coloring, bbls....gal	.63	: .73	Dom., crude, 100 lb bags NY....ton	13.00	: 15.00	Second Hands....os	.45	: .46
Sugar Milk, USP, 200 lb bbls....lb	.21½	: .22	Refined, 100 lb bags NY....ton	16.00	: 18.00	Venetian Red....lb	...	: .05
Second Hands, USP, bbls....lb	.20	: .21	Tar, Coal Gas, Tls, wks....gal	.06	: .08	Verdigris, see Copper Subacetate	...	
Sulfonai. see Sulfomethane	...		Coke Oven Tls, wks....gal	.07	: .08	Vermilion, Amer. 100 lb kegs....lb	.35	: .40
Sulfoneethylmethane, USP, 10 lb bxs....lb	3.85	: 4.05	Water Gas, Tls, wks....gal	.06	: .08	English, kegs....lb	1.30	: 1.55
Sulfomethane, USP, 10 lb bxs....lb	3.85	: 2.85	Tartrate Emetic, tech. 700 lb bbls....lb	.24	: .25	Veratrine Sulfate, 1oz. vial....os	...	: 1.85
			USP, 300 lb bbls....lb	.31	: .34	Hydrochloride, 1oz. vial....os	...	: 1.85
			Terpin Hydrate, USP, 100 lb kegs....lb	.60	: .62	Veronal, see Acid Diethylbarbiturate	...	
			Terpineol, CP, 1000 lb drums....lb	.43	: .50	WHITE LEAD, see lead, white.	...	
			Cans, 50 lb ....lb	.53	: .57	White Precipitate, see mercury	...	
			Imported, cans, 25 lb ....lb	.95	: 1.20	Whiting, 200 lb bags, e/l wks. ton	13.00	: 15.00
			Terpenyl Acetate, 25 lb cans....lb	1.85	: 1.85	Bags, 1e/l NY.....ton	...	: 18.00
			Terra Alba, No. 1, 300 lb bbls 100 lb	1.85	: 1.90	Gilders, bags, NY.....ton	...	: 13.50
			No. 2, bbls....ton	1.25	: 1.35	French, bags, NY.....ton	...	: 15.00
			Theobromine Alk., 5 lb cans....lb	4.00	: 4.10	English, bags, NY.....ton	...	: 21.00
			and Soda Salicylate, 1lb bot.lb	...		Witch Hazel Extract, 50 gal. bbls. gal	1.16	: 1.20

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TOLUOL

The *Barrett* Company

40 Rector Street New York, N. Y.



Coast to Coast Producing Points!

Chemicals

		Oils	
CYCLINE, 3° dist range, nitration wks wks gal	.40 : .45		
110 gal. drs NY gal	.45 : .50		
5° dist range, 8000 gal. tanks wks gal	.35 : .40		
110 gal. drs wks gal	.40 : .45		
10° dist. range, drums, wks gal	.35 : .40		
Tanks, wks gal	.30 : .35		
Commercial 110 gal. drs, wks gal	.30 : .32		
Tanks, wks gal	.25 : .27		
Xyline, 1b. tins	.40 : .45		
VARA YARA, 1b. tins	1.75 : 2.00		
Yohimbine Hydrochloride, 1 oz. vials oz	3.00 : 3.57		
ZINC, METAL, high grade, slabs c/l NV	100 lb	8.25	
Common Slabs, c/l NV	lb	6.47 1/2	
Mossy, 25 lb. box NV	lb	.14	
Ammonium Chloride, powd., 400 lb bbls.	lb	.07 1/2	.08
Carb. tech. 150 lb. kegs NY	lb	.20	
USP, 100 lb. kegs	lb	.33	
Chloride, fused, 600 lb. drs. wks. bbls.	lb	.06	
Drs. c/l wks. bbls.	lb	.04 1/2	.05
Granulated, 500 lb. bbls. wks. bbls.	lb	.07	.07 1/2
Imported, drs. NY	lb	.06 1/2	.06 1/2
Solution, 50%, tanks wks 100 lb	2.25	2.50	
USP, 25 lb. jars	lb	.27	.29
Varande, 100 lb. drs	lb	.36	.37
Dust, 100 lb. tins wks	lb	.09 1/2	.10
500 lb. bbls. kegs, c/l wks. bbls.	lb	.09 1/2	
500 lb. bbls. kegs, c/l wks. bbls.	lb	.08 1/2	
Iodide, 5 lb. bats	lb	5.28	
vitrate, 25 lb. jars	lb	.45	
Oxide, Amer. 300 lb. bbls. wks	lb	.08 1/2	.08 1/2
French, 300 lb. bbls. wks	lb	.10 1/2	.12 1/2
Bbl. c/l wks.	lb	.09 1/2	.11 1/2
Bags, c/l wks.	lb	.09 1/2	.10 1/2
USP, 100 lb. bbls. c/l	lb	.17	
Ten lots, wks	lb	.18	
Imported, white seal, bbls.	lb	.12	
Green seal, bbls.	lb	.10	
USP, 100 lb. bbls.	lb	.19 1/2	
Sterate, USP, 50 lb. bbls.	lb	.18 1/2	.19
Sulfate, 400 lb. kegs, wks	lb	.03 1/2	.03
Bbls. c/l wks.	lb	.03	
USP, 100 lb. kegs	lb	.08	.09
Sulfide, 500 lb. bbls.	lb	.30	.33
Sulfocarbonate, 100 lb. kegs	lb	.32	.34
Castor, No. 1, 400 lb. bbls.	lb	.17	.17 1/2
80 lb. cases	lb	.18	
No. 3, bbls.	lb	.16 1/2	.17
Blown, 400 lb. bbls.	lb	.15	
China Wood, bbls., spot NY	lb	.16 1/2	.16 1/2
Tanks, Spot, NY	lb		
Now, Dec. forw. arr. NY bbls. bbls.	lb	.16 1/2	
Coast, tanks, Oct.	lb	.14 1/2	
Cst., tks. Now, Dec. forw. arr. NY bbls. bbls.	lb	.14 1/2	.14 1/2
Cocchi, 375 lb. bbls., NY	lb	.10 1/2	.10 1/2
Tanks, NY	lb	.09 1/2	.10
Mandia tanks, P. Coast	lb	.08 1/2	.09
Edible, bbls., NY	lb	.11 1/2	
Cod Newfoundland, 50 gal. bbls. gal	lb	.59	.61
Tanks, NY	lb	.55	.57
Copra, bags	lb	.06	.06 1/2
Corn, ref. 375 lb. bbls., NY	lb	.13	.13 1/2
Crude, tanks mills	lb	.09	
Bbls., NY	lb	.11 1/2	
Cottonseed, crude, bbls., mill	lb	.08 1/2	
P. S. Y., 100 bbls., NY	lb	.09 1/2	.10
White, 100 bbls. lots, NY	lb		
Winter yellow, 100 bbls., NY	lb	.13	
Degras, Amer. 50 gal. bbls., NY	lb	.04 1/2	.04 1/2
English, light, bbls., NY	lb	.04	.04 1/2
Brown, bbls., NY	lb	.04	.04 1/2
Light brown, bbls., NY	lb	.04 1/2	.05
Dark, bbls., NY	lb	.03 1/2	.04
Neutral, bbls., NY	lb	.10	Nom.
Moellen, bbls., NY	lb	.50	
Greases, choice white, bbls., NY	lb	.11 1/2	.11 1/2
Yellow	lb	.07 1/2	.07 1/2
Brown	lb		.07 1/2
House	lb		.07
Bone naphtha	lb	.05 1/2	.06
Herring, Tanks, Coast	gal		Nom.
Horse, 375 lb. bbls., NY	lb		Nom.
Lard, prime steam bbls.	lb		.15 1/2
Compounds, bbls.	lb	.12 1/2	.12 1/2
LARD OIL, Edible prime, bbls.	lb		.17 1/2
Off prime, bbls.	lb		.15 1/2
Extra, bbls.	lb		.14 1/2
Extra No. 1, bbls.	lb		.12 1/2
No. 1 bbls.	lb		.11 1/2
No. 2 bbls.	lb		.11 1/2
LINSEED, raw c/l bbls., spot. gal	lb		.00
Fire, bbls.	lb		.03
Boiled, 5 bbl. lots	lb		.05
Double boiled, 5 bbl. lots	lb		.06
Raw, c/l, bbls.	lb		.03
Tanks	gal		.94
Oct., 1st half, c/l wks.	gal		.95
Oct., 2nd half, c/l wks.	gal		.93
Nov., Apr., c/l wks.	gal		.90
Imported, bbls., NY	gal		
Tanks, NY	gal		
Mehnaden, crude bbls., wks.	gal		
Crude, tanks, Balt.	gal	.50	.52
Light strained, bbls., NY	gal	.68	.70
Yellow bleached, bbls., NY	gal	.71	.72
Extra bleached, bbls., NY	gal	.73	.74
Blown, bbls., NY	lb		
Neatfoot, 20° e.t. bbls., NY	lb		.19 1/2
Pure, bbls., NY	lb		.15
Extra, bbls., NY	lb		.12 1/2
No. 1, bbls., NY	lb		.11 1/2
Gleo Oil, No. 1, bbls., NY	lb		.18 1/2
No. 2, bbls., NY	lb		.15 1/2
No. 3, bbls., NY	lb		.13 1/2
OLIVE, denatured bbls., NY	gal		.12 1/2
Edible, bbls., NY	gal	2.15	2.25
Foots, bbls., NY	gal	.09 1/2	.09 1/2
Shipments	lb	.09 1/2	.10
Palm Lager, 1500 lb. casks	lb		.08 1/2
Niger casks	lb	.07 1/2	.08
Bonny old Calabar, casks	lb	.07	Nom.
Palm Kernel, bbls., NY	lb	.09 1/2	.10 1/2
Peanut, refined, bbls., NY	lb	.17	.17 1/2
Crude, mill buyers' tks.	lb		
Crude, bbls., NY	lb		
Perilla, bbls., NY	lb	.14 1/2	.14 1/2
Poppyseed, bbls., NY	gal	2.25	2.50

W F GEORGE CHEMICALS

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 Tri Sodium Phosphate
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What is said of our Services!

Messrs. Gebr. Waaning Tilly, from Haarlem (Holland) write to us on the 23rd of October, 1922:

"We received through our Agents, the Registered Deed of the declaration of ownership of our Trade Mark and Proprietary Name and are pleased to inform you that the same has been found correct and the work done by you to our entire satisfaction."

"If any of our friends should be desirous of having his trademark also registered in India, we shall certainly recommend him your firm."

The Huntley Manufacturing Co., from Silver Creek, N. Y., U. S. A., write to us on the 5th of January, 1923:

"We wish to thank you for the manner in which you have handled this and if there is any further business of this nature at any time that you can attend to, we will be glad to place it in your hands."

Messrs. Max Dorner G. m. b. H., from Solingen (Germany) write to us on the 25th of January, 1923:

"Please note that we are satisfied by your work, and that further registrations will also be trusted to you."

P. LODGE & CO.

Patent and Trade Mark Agents

POST BOX NO. 6772

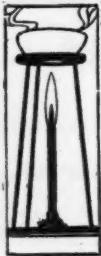
CALCUTTA, INDIA

Oils and Fertilizers

Rapeseed, refined, bbls., NY....gal	.87	: .89	Ammon. Sulf., bulk wks....100 lb	2.50	: 2.55	Rosin Oil, first run, 50 gals. bbls.gal	...	: .48
Blown bbls., NY, 8 lbs....gal	1.00		Double, bgs., f.o.b. NY....100 lb	2.75		Second run, bbl....gal	...	: .42
Red Oil, distilled, bbls. ....lb	.09 1/2	: .09%	Single, bgs., wks....100 lb	2.65		Tar, kiln-burnt ....bbl	...	: 10.50
Saponified, bbls. ....lb	.09 1/2	: .09%	NITRATE SODA, wks....100 lb	2.42 1/2		Retort ....bbl	...	: 10.50
Tanks ....lb		: .08%	Future, Oct.-Jan. ....100 lb	2.47 1/2				
Salmon, 8000 gal. tins, Coast....gal			Phosphate Rock, f.o.b. mines					
Sesame, edible bbls. ....lb	13 1/2	: 13 1/2	Florida Pebble, 68% ....ton		: 2.25	Barwood, chips ....lb	.04 1/2	: 08
Soy Oil, bbls., NY....gal			Florida Pebble, 70% ....ton		: 2.50	Camwood, chips ....lb	.09	: 12
SOYA BEAN, crude tins, Coast....lb		: 10%	Florida Pebble, 75-74% ....ton		: 3.75	Divi Divi, pods, bags....ton	42.00	: 43.00
Crude, Tins, NY....lb		: 10%	Tennessee, 72% ....ton		: 5.50	Fustic, sticks ....ton	30.00	: 32.00
Crude, bbls., NY....lb		: 12%	Phosphate Acid, 16% Bulk, wks.ton	8.25	: 8.50	Chips ....lb	.04	: .05
Refined, bbls., NY....lb		: 13 1/2	POTASH			Hemlock, bark ....ton		: 20.00
Sperm, 38° e.t. bleached, bbls., NY....gal	.86	: .86	Pot. Muriate, 80% basis, bgs./ton	34.55		Hypernic, chips ....lb	.06 1/2	: .07
45° cold test, bleched, bbls., NY....gal			Pot. Sulphate, 90% basis, bgs./ton	45.85		LOGWOOD, sticks ....ton	23.00	: 27.00
STEARIC ACID, s.p. 200 lb. bags lb	.11 1/2	: .11 1/2	Dble. Manure Salts, 4% casein, bgs. ....ton			Chips, 150 lb bags ....lb	.03	: .03 1/2
Double pressed, bags ....lb	12	: 12%	Manure Salts, 30% basis, bulk/ton			Mangrove bark, African ....ton		: None
Double pressed, bgs., saponified lb	12	: 12%	Manure Salts, 20% basis, bulk/ton			Myrobalans, bags J1 ....ton	47.00	: 48.00
Triple pressed, bgs., distilled, lb	.18 1/2	: 18	Kainite, 12.4% basis, bulk, ton			J1 ....ton	43.00	: 45.00
Triple pressed, bgs., saponified, lb	.18 1/2	: 18	Bulk in bags, \$2.00 extra.			J2 ....ton	36.00	: 38.00
Stearine, oleo, bbls. ....lb	13 1/2	: 14	Prices e.i.f. Atlantic & Gulf Ports.					
Tallow, edible, tires ...lb	12	: 12 1/2	Discounts, 50 tons, 5%; 500 tons, 10%.					
City, extra, loose ....lb		: 10 1/2						
Tallow Oil, acids, tins, NY....lb		: 10%						
Bbls., c/l NY ....lb		: 12 1/2						
Walnut, crude bbls., NY....lb								
Whale, nat winter bbls., NY....gal								
Blend, winter bbls., NY....gal								
Extra Blehd. bbls., NY....gal								
Crude, No. 1, tanks Coast....gal								
Crude, No. 2, tanks Coast....gal								
Crude, No. 3, tanks Coast....gal								

Fertilizer Materials

Blood, dried f.o.b. NY.....unit	4.00		(Carloads ex-yard N. Y.)		
Chicago .....unit	4.15		Spirits Turpentine, bbls. ....gal		: .89
Bone, 3 & 50 gr. steam, Chgo. ....unit	23.00		Wood Turpentine, atm. distd. bbls.gal		: .80
Raw, NY ....ton	31.00		Destructive distilled, bbls....gal		: .65
Cyanamide, NY, basis .....unit	1.65	: 1.75	Pine Oil, atm. distd. bbls....gal		: .65
Fish Scrap, dried wks. ....unit	5.00		Pitch, prime .....bbl		: 5.50
Acid, Bulk 7 & 3 1/2, Deliv. Norfolk & Balt. basis, unit	4.25		Rosine, 100 lb in 600 lb bbls., gross for net, quotations based on a unit of 280 lb.		
Sreamed Bone Meal, 3 & 50 lb. ....ton	24.00		B .....280 lb		: 6.10
Tankage, ground, NYunit	3.35 & 10		D280 lb		: 6.25
High grade f.o.b. Chicago....unit	3.65 & 10		E280 lb		: 6.35



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Tannins and Dyestuffs

Crude Drugs	
Chestnut, clarified, 25% tka. wks. b.	.01%
Bbls., wks.	.02%
Powd., 60% 100 lb bags, wks. b.	.05%
Decolorized, bags, wks. b.	.06%
Cudbear, English	.18
Cutch, Rangoon, 100 lb bags	.14
Borneo, solid, 100 lb bags	.04%
Liquid, 45lb bbls.	.07%
Tablets, 120 lb boxes	.13
Flavine	.95
Fustic, solid 50 lb boxes	.20
Crystaik, 100 lb boxes	.20
Liquid, 51%, 600 lb bbls.	.10
Gall extract	.16
Gambier, 25% liq. 450 lb bbls.	.12
Common, 200 lb cases	.15
Singapore cubes, 150 lb bags	.23
HEMATINE, Paste, 500 lb bbls.	.09%
Crystals, 400 lb bbls.	.12
Bromelock, 25% 600 lb bags, wks. b.	.03%
Hypernic, 51%, 600 lb bbls.	.16
Indigo, Madras, bbls.	.85
Manila, bbls.	.130
Larch, 25%, 600 lb bbls., wks. b.	.03%
Powd. 100 lb bags, wks. b.	.07
Logwood, 51%, 600 lb bbls.	.07
Lowers grades	.09
Solid, 50 lb boxes	.09
Madder, Dutch	.28
Mangrove, 55% 400 lb bbls.	.04%
Myrobalans, 25% liquid bbls.	.04
50% solid, 50 lb boxes	.05
Oak, tanks, wks.	.04
23-25% liq. 600 lb bbls., wks. b.	.04%
Osage Orange, 51% liquid	.07
Powd. 100 lb bags	.14
Persian Berries	.27
QUEBRACHO, 35% liquid tka. b.	.03
450lb bbls.	.03%
35% bleaching, 450 lb bbls.	.04%
Solid 65% 100 lb bales	.05%
Clarified, bales	.04
Quercitron, 51% 450 lb bbls.	.06
Powdered, 100 lb boxes	.09
Spruce, 25% liquid tanks wks. b.	.01
Powd. 50% 100 lb bags wks. b.	.02
Sumac, Liquid 450 lb bbls.	.06
Stainless, 600 lb bbls.	.11
DYERS' SUNDRIES	
Albumen, technical, egg 200 lb cs. b.	.125
Blood, 100 lb drs.	.40
Egg Yolk, Spray, 150 lb cs.	.45
British Gum, 140 lb bags c/l 100 lb	.48
Bags, c/l	.100 lb
Dextrin, corn 140 lb bags c/l 100 lb	.452
Bags, lc/l	.100 lb
Yellow, bags c/l	.457
Potato 220 lb bags c/l	.08
Bags, lc/l	.08%
Yellow, 220 lb bags	.07%
Tapioca, 200 lb bags, lc/l	.09
Prussian blue	.35
Sago Flour, 150 lb bags	.04%
STARCHE, powd. 140 lb bags c/l 100 lb	.397
Bags, lc/l	.100 lb
Pearl, 140 lb bags c/l	.827
Bags, lc/l	.100 lb
Potato, domestic, 200 lb bags	.05%
Imported, bags duty paid	.06%
Tapioca Flour, high grade bags	.06
Medium grade bags	.05%
Low grade, bags	.04
Turkey Red Oil, bbls.	.11
Yolk Oil, bbls.	.35
Acrodites Gum, yel.	.16
ACONITE Leaves, bales	.10
Root, USP, bags	.39
Agar Agar, 1, 200 lb bales	.158
No. 2, bales	.150
No. 3 bales	.135
Agaric, white, cases	.240
Almonds, bitter bags bxs.	.45
Sweet, bags	.57
Meal, tins, boxes	.24
Alerts Root, bags	.43
Alkanet Root, bags	.06
Aloes, Barbadoes, 120 lb bbls.	.65
Cape, 400 lb cases	.09
Curacao, 100 lb cases	.10%
Socotrine, whole 100 lb cs.	.30
Sett, cases, b.	.35
Althea Root, cut cases	.22
Whole bark	.04
Anemone, black boxes	.800
Grey, boxes	.2600
Ammoniac, tears, bags	.68
Angelica Root, dom. bags	.12
Augosture Bark, bags	.10
Anise, Levant bags	.15
Russian, bags	.13
Star, cases	.11
Spanish, bags	.11%
Annetta Seed, 200 lb bags	.23
ARABIC GUM	
White, No. 1 300 lb bags	.26
Seconds, 250 lb bags	.24
Sora, amber, 200 lbs. bbls.	.11%
Powd., USP, 250 lb bbls.	.18
Areca Nuts, 150 lb bags	.10
Powd., 200 lb bbls.	.14
Armenia Flowers, bales	.08
Root, bags	.25
Arrowroot, Amer., powd. bbls.	.10%
St. Vincent, powd. bbls.	.14%
Asafoetida, USP, 250 lb cases	.19
Powd., 50 lb bags	.35
BALM GILEAD BUDS, bags	.40
Balmony Herbs, bags	.14

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Crude Drugs

BALSAMS	
Copalba, Para, 80 lb cases	lb .29 : .31
South American, 80 lb cases	lb .35 : .37
Fir Canada, cases	gal 10.25 : 11.25
Gregon bals., cans	gal .90 : 1.00
Peru, 120 lb cases	lb 1.80 : 1.90
Tolu, 90 lb cases	lb 2.00 : 2.35
Bamboo Brier Root, bags	lb .05% : .06
Barberry Bark, tree bales	lb .11 : .13
Root, bags	lb .11 : .13
Bayberry Bark, bales	lb .10 : .12
Wax, bbls.	lb .21 : .22
Belladonna Leaves, bales	lb .24 : .25
Root, bags	lb .11 : .12
Bee Wax, white cases	lb .40 : .42
Yellow, refined, cases	lb .25% : .28
Crude, bags	lb .23 : .25
Benzoin Gum, Siam, boxes	lb 1.30 : 1.35
Sumatra, 80 lb boxes	lb .23 : .24
Berberis Aquifolium Root, bags	lb .14 : .15
Beth Root, bags	lb .23 : .20
Bitter Root, 100 lb bags	lb .40 : .42
Blackthorn Bark, root, bales	lb .34 : .36
Tree, bales	lb .15 : .16
Black Indian Root, 100 lb bags	lb .40 : .42
Blood Root, bags	lb .14 : .15
Blueflag Root, bags	lb .30 : .32
Bolfo Leaves, bales	lb .20 : .21
Bonest Herb, bales	lb .08 : .09
Forage Flower, bales	lb .17 : .20
Erythrina Root, bags	lb .10 : .11
BUCHU LEAVES, short, 250 lb bales	lb .76 : .78
Long, bales	lb .81 : .83
Buckthorn Bark, bags	lb .05 : .05%
Burdock Root, bags	lb .13 : .15
Burdock Pitch, dom., 110 lb stands	lb .05 : .05
Green for net	lb .05 : .05
Calabar Beans, bags	lb .14 : .15
Calamus Root, bleached cases	lb .33 : .35
Unbleached, bags	lb .06 : .07
Calendula Petals, imp. bales	lb .18 : .20
Calizaya Bark, bales, powdered	lb .25 : .28
Camphor, see Chemicals	
Canary Seed, Morocco bags	lb .07% : .08
South American, bags	lb .07 : .07%
Candelilla Wax, bags	lb .23 : .25
Canella Alba Bark, bales	lb .50 : .52
Cannabis, true Imp. bags	lb .40 : .50
American (no assay) bales	lb .40 : .50
USP	lb .70 : .85
Cantharides, Chinese cases	lb .95 : 1.00
Powdered, boxes	lb 1.15 : 1.20
Cantharides, Russian, cases	lb .90 : .95
Powdered, boxes	lb 1.00 : 1.10
Caraway Seed, African, bags	lb .09% : .10
Dutch, 11 lb bags	lb .10 : 1.10
Cardamom, bleach, cases	lb 1.75 : 2.00
Decorticated, cases	lb 1.70 : 1.85
Green, grinding, bags	lb 1.35 : 1.40
Carnauba Wax, Flor. bags	lb .38 : .41
No. 1 N Country bags	lb .33 : .35
No. 2 N Country bags	lb .27 : .29
No. 3 Fatty Gray, bags	lb .21 : .22
No. 3 Chalky, bags	lb .21 : .22
Cascara Sagrada, bales, 1920-22	lb .250
bark	lb .22 : .24
1923 bark	lb .18 : .20
1924 bark	lb .15 : .16
Cascarella Bark, quill, bales	lb . . .
Siftings, bbls.	lb . . .
Cassia Buds, 66 lb cases	lb 12% : .13
China, Whole Rolls, cases	lb .07 : .07%
Saigon, assort, bales	lb .23 : .30
Casta Fistula, baskets	lb .09 : .10
Castile Soap, USP, powd., 200 lb bbls.	lb .27 : .28
Castor Beans, bags	lb .03 : .03%
Catoseum, 1 lb bot.	lb 4.00 : 4.50
Catechu Gum, bags	lb .11 : .12
Catnip Herb, bales	lb .23 : .29
Celery Seed, 220 lb bags	lb .32 : .33
Ceresin Wax, white bags	lb .10% : .11
Yellow, 200 lb bags	lb .09 : .10
CHAMOMILE FLOWERS, Roman	
bals.	lb .40 : .42
Hung. cases bales	lb .07 : .07%
Charcoal Willow, powd. bbls.	lb .06 : .06%
Wood, powd. bbls.	lb .04 : .05
Chestnut Bark, bags	lb .07 : .08
Herb, bales	lb .06 : .06%
Chicle Gum, bags	lb . . .
Chireta, bales	lb .10 : .12
Cinchona Bark, red quill, bales	lb .48 : .50
Broken bales	lb .23 : .24
Cinnamon, Ceylon, bales	lb .27 : .28
Broken, bales	lb .16 : .20
Civet, Abyssin horns	oz 2.75 : 3.75
Clover Tops, bags	lb .18 : .20
Cloves, Zanzibar, 135 lb bales	lb .26 : .27
Amboynas, bales	lb .31% : .32
Penang, bales	lb .40 : .42
Cochineal, USP, boxes	lb .34 : .35
Coca Leaves, Huancuo bags	lb . . .
Truxillo, bags	lb . . .
Cohosh Root, Black bags	lb .08 : .08%
Blue, bags	lb .10 : .10%
Colchicum Root, bags	lb .07 : .08
Seed, bags	lb .08% : .09
Coleosynth, apples, cases, bales	lb . . .
Pulp, USP, bales	lb .28 : .30
Colombo Root, whole bags	lb .03 : .03%
Coltsfoot Leaves, bags	lb .05 : .06
Comfrey Root, bags	lb .13 : .14
Condurango Bark, bales	lb .19 : .22
Conundu Seeds, bags	lb .12 : .14
Copiba Balsam, Para, see Balsams	lb . . .
Copal Gum	lb .12 : .13
Coriander Seed, Bombay baks.	lb .06 : .06%
Morocco, bags	lb .07 : .07%
Bleached, bags	lb .10% : .11
Corn Silk, bales	lb .04% : .05%
Cotton Root Bark, bales	lb .14 : .15
Cowhage, oz. tins	oz . . .
Cramp Bark, so-called bales	lb .07 : .08
True, bags	lb .30 : .32
Cranesbill Root, bags	lb .16 : .18
CUBEB BERRIES, XX bags	
Powdered, boxes	lb .60 : .65
Culpeper, 1 lb bot.	lb .63 : .65
Calviers Root, bags	lb .22 : .23
Cumin Seed, Levant bags	lb .20 : .22
Malta, bags	lb .19% : .20%
Morocco, bags	lb .18 : .18%
Cuttlefish Bone, Trieste, straps	lb .13 : .14
Jewelers, large, straps	lb . . .
Small, straps	lb . . .
French straps	lb .13% : .14
Powdered, boxes	lb .13 : .14
Broken, boxes	lb . . .
Damar Gum, 136 lb cases	lb .25 : .25%
Damiana Leaves, bales	lb .14 : .15
Dandelion Root, Imp. bags	lb .40 : .45
Deer Tongue Leaves, bales	lb .09 : .09%

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Crude Drugs

Digitalis Leaves, bales	lb .07	.08	Grindelia Robusta Herb, bales	lb .07%	.08%	LADY SLIPPER ROOT, bags	lb .50	.55
Dill Seed, bags	lb .06	.07	Guaiac Gum, 80 lb cases	lb .42	.44	Larkspur Seed, bags	lb 1.05	1.10
Dogwood Bark, Jamaica bags	lb .10	.11	Guarana, tins, cases	lb .65	.70	Laurel Leaves, bales	lb .04%	.05
American, bales	lb .07	.08	GUM, see Arabic Gum, etc.			Lavender Flowers, ordinary	lb .22	.26
Dogrose Root, USP, cut bags	lb .10	.11	HELLEBORE ROOT,			Selected	lb .30	.40
Dragons Blood, mass cases	lb .65	.65	Black, bbls.	lb .08	.10	Icheses, tubs	Per 100	7.20
Reeds, boxes	lb .85	.90	Powdered	lb .15	.17	Lemon Peel, bags	lb .08	.09
ECHINACEA ROOT, bags	lb .31	.32	White, Powd., 250 lb bbls	lb .11	.12	Licorice Root, Russian, whole	lb .07	.07%
Elecampane Root, bags	lb .09	.10	Heilonias Root, (unicorn false)			Spanish, natural bales	lb .08%	.09
Elder Flowers, bags	lb .11	.14	bags	lb .70	.73	Powdered, bbls	lb .08%	.09%
Elemi Gum, 80 lb cases	lb .10	.11	Hemp Seed, Manchurian bags	lb .03%	.04	Selected, 2 & 5 lb bundles	lb .14	.17
Elm Bark, select 5 lb bundles cases	lb .26	.27	Chilian, bags	lb .03%	.04	Cuttings, 125 lb bags	lb .06	.06%
Grinding, bags	lb .16	.18	Henbane Leaves, bales, USP	lb .27	.29	Greek, 150 lb bales	lb .03	.03%
Powdered, bbls.	lb .23	.25	No assay	lb .26	.27	Life Everlasting Herbs, bales	lb .05	.06
ERGOY, 150-200 lb bags	lb .31	.32	Henna Leaves, bale	lb .09%	.10	Limo Juice, clarified bbls	gal .60	.65
Eucalyptus Leaves, bales	lb .05	.06	Powdered	lb .12	.13	Linden Flowers, with leaves, bales	lb .10	.11
Euphorbia Plumeria Herb, bags	lb .10	.11	Honey, Calif., 120 lb cases	lb .12	.13	Without Leaves, bales	lb .17	.18
Euphorium Gum, cases	lb .25	.27	Pacific Coast prime bales	lb .25	.27	Liverwort Leaves, bales	lb .19	.20
Powdered, boxes	lb .40	.42	Horehound Herb, bales	lb .10	.11	Lobelia Herb, bales	lb .26	.28
Fennel Seed, French, bags	lb .10%	.11	Horse-tail Rush, bags	lb .07	.15	Lobelia Seed, bags	lb .62	.63
German, bags	lb .13	.17	India, green, see Karaya	lb .15		Lovage Root, Imported, bags	lb .18	.20
Indian, bags	lb .07	.07½	Indigo, boxes	lb .26		Lupulin, boxes	lb .115	.120
Flax Seed, whole 180 lb bbls	ea 13.00	13.50	INSECT FLOWERS, open whole			Domestic	lb 1.15	1.20
Ground, 180 lb bbls	lb .07%	.08	Bales	lb .37	.39	Lycopodium, 88 lb cs	lb .33	.34
Foenugreek Seed, 200 lb bags	lb .05		Closed whole, bales	lb .39	.41	MACE, Siam, No. 1 cases	lb .75	.76
Fish Berries, 100-125 lb bags	lb .02%	.03	Powdered, pure 200 lb bbls	lb .46	.48	Banda, No. 1 cases	lb .77	.78
Frings Tree Bark, bags	lb .20	.21	Flowers and Stems, 50 pc.			Batavia, No. 2 cases	lb .67	.68
Fumigating Pastilles, Black, 1 lb box			200 lb bbls.	lb .32	.33	West India, cases	lb .64	.65
Red, 1 lb. bxs.	lb .17	.18	Ipecac Root, Cartagena bags	lb .250	.260	Malva Flowers, blue bales	lb .35	.37
GALANGAL ROOT, bags	lb .07%	.08	Powdered, 200 lb bbls. bxs	lb .275	.285	Black, bales	lb .55	.60
Galbanum Gum, cans	lb .80	.95	Rio Whole, bags	lb .235	.240	Manna, large flake cases	lb .78	.80
Gambier Gum, bags	lb .13%	.14	Powdered, 200 lb bbls. bxs	lb .240	.250	Small flake cases	lb .43	.45
Gamboge Gum, 180 lb cases	lb .74	.78	Isinglass, American, 130 lb cs	lb .75	.80	Sorts, cases	lb .30	
Powdered, cases	lb .83	.85	Russian (Beluga) bxs. cts	lb .400	.450	Mandrake Root, bags	lb .13	.14
Gelsemium Root, bags	lb .11	.11½	JABORANDI LEAVES, bales	lb .10	.10%	Mastic Gum, 120 lb cans	lb .55	.57
Gentian Root, bags	lb .08	.08	Jalap Root, whole, 150 lb bags	lb .29	.31	Mezereon Bark, bags	lb .11	.12
Ginger, African, bags	lb .17	.17½	Powdered, USP, 250 lb bbls	lb .34	.36	Matico Leaves, bales	lb .13	.13
Jamaica, grinding, bags, bbls	lb .26	.32	Japan Wax, White bags	lb .16%	.17	Majoram Leaves, German bales	lb .13	.15
Japan, bags	lb .16%	.17	Job's Tears, white bags	lb .15	.16	French bales	lb .13	.16
Cochin, ABC & Lemon, bags	lb .19	.20	Juniper Berries, 125 lb bags	lb .04%	.04%	Millet Seed, dom. yellow bags	lb .03	.04
Ginseng Root, cultivated, bags	lb 8.00	10.00	KAMALA, boxes	lb 1.05	1.10	Montan Wax, crude bags	lb .05%	.06
Northwestern Wild, bags	lb 12.00	14.00	Karaya Gum, powdered, bbls	lb .10	.18	Bleached		
Southern Wild, bags	lb 9.00	11.00	Kava Kava Root, bags	lb .12	.12%	Moss, Iceland bales	lb .07%	.08
Golden Seal Root, bags	lb 3.70	3.80	Kino Gum, black cases	lb .50	.55	Irish, bleached, bales	lb .08%	.09
Powdered, boxes	lb 3.90	4.00	Kola Nuts, 150 lb bags	lb .04%	.05	Selected, bales	lb .10	.10%
Grain of Paradise, bags	lb .15	.16	Kousso Flowers, bags	lb 1.50	.175	Mullein Flowers, tins	lb .90	1.00

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Musk, pods, Carbadine, tins....	16.00	: 17.00	Patchouli Leaves, bales.....	b .16 : .18	Rosemary Flowers, cases bales...b .25 : .28	
Tonquin.....	22.00	: 25.00	Pennyroyal Herb, bales.....	b .08 : .12	Rose Petals, pale.....	b .22 : .25
Grain Cab.....	25.00	: 26.00	Pepper, black Sinc bags.....	b .10% : .12	Red	b .65 : .70
Tonquin.....	35.00	: 38.00	White, bags.....	b .18% : .19	Rue Herb, bales.....	b .18 : .22
Synthetic, see Chemicals			Penner, red Mimobass, bags.....	b .08% : .09	SABADILLA SEED, bags.....	b .13 : .14
Musk Root, Russian bags.....	b .25	: .25	Cherries, bags.....	b .12 : .14	Powder, bbls.....	b .15 : .16
Mustard Seed, Bart brown bags.....	b .12	: .12%	Bombay, bags.....	b .10 : .11	Saffron Flowers, Amer. bales.....	b .72 : .75
Lombay, brown.....	b .09	: .10	Japan, bags.....	b .22 : .24	Valencia, 1lb cans.....	b .39.00 : .40.00
California, brown.....	b .11	: .11%	Peppermint Leaves, imp. bales...b .22 : .24	b .12 : .14	Sage, Dalmatian bales.....	b .04% : .05
Yellow.....	b .05	: .05%	Cuts, bales.....	b .18 : .19	Greek, bales.....	b .04% : .05%
Chinese yellow.....	b .05	: .05%	Domestic leaf.....	b .18 : .19	Spanish, bales.....	b .03% : .03%
English, yellow.....	b .10% : .11	Pichi Leaves, bags.....	b .42 : .47	Sandalwood, chips bags.....	b .17 : .18	
Dutch, yellow.....	b .07% : .08	Pimento, select bags.....	b .08 : .08%	Sandarac Gum, 300 lb bbls...b .21 : .22		
Danish, yellow.....	b .09	: .09%	Finn Root, true bags.....	b .80 : .85	Sarsaparilla Root Honduras, bales@	b .37 : .39
Myrrh Gum, select 200 lb can.....	b .24	: .26	Pitch, Burgundy, see Burgundy Pitch		Mexican, bales.....	b .65 : .64
Sorts, cases.....	b .20	: .22	Plumbago Root, bags.....	b .22	Nasturtias Bark, ordinary bales.....	b .15 : .20
WINGALLS, Chinese, bags.....	b .17	: .18	Plantain Leaves, bales.....	b .15	Select, bales.....	b .28 : .29
Aleppo, bags.....	b .14	: .15	Poke Berries, bags.....	b .15	Savory Leaves, baled.....	b .06 : .06%
Nutmegs, 110lb cases.....	b .50	: .51	Poke Root, bags.....	b .08	Sal Palmetto Berries, bags.....	b .09 : .10
75s, 80s cases.....	b .54	: .56	Pomegranate Bark, of root bags.....	b .30	Scammony Resin, boxes.....	b .135 : .140
Nux Vomica Buttons, bags.....	b .04% : .05%	Or Fruit, bags.....	b .30	Scammony Root, bags.....	b .06% : .07	
Powdered, 200lb bbls.....	b .08	: .09	Of Tree.....	b .30	Senega Root, bags.....	b .57 : .59
SAK BARK, red bags.....	b .05	: .06	Poppy Flowers, red bags.....	b .25 : .28	SENA, Alex 150 lb cases.....	b .21 : .23
White, bags.....	b .06	: .07	Poppy Seed, Dutch, bags.....	b .10 : .11	Half Leaf, 350 lb bales.....	b .13 : .15
Olibanum, gum, sift 280lb cases...b .10	: .10%	German, bags.....	b .07	Sliftings, 400lb bales.....	b .10 : .11	
Tears, 280lb cases.....	b .12	: .12%	Turkish, bags.....	b .07	Powdered, 200lb bbls.....	b .14 : .14%
No. 1, all white 280lb cases.....	b .22	: .23	Blue Indian, bags.....	b .09	Tinnewelly, job 350lb bbls...b .11 : .14	
Opium, gum, USP, cases.....	b 12.00	: 13.00	White Indian, bags.....	b .08	Grinding, 350lb bales.....	b .05 : .07
Granular, cans.....	b 13.00	: 14.00	Prickly Ash Bark, Southern, bags.....	b .24 : .26	Powdered, 200lb bbls.....	b .08 : .09
Powdered, USP, cans.....	b 13.00	: 14.00	Prickly Ash Berries, bags.....	b .14 : .16	Pods, 350lb bales.....	b .15 : .17
Orange Flowers, cases.....	b .50	: 1.00	Prince's Pine, bales.....	b .25 : .30	Serpentaria Root, bags.....	b .85 : .86
Orange Peel, bitter, bags.....	b .07% : .07%	Potentilla Herb, bags.....	b .16 : .18	Shellee, D.C., bags.....	b .75 : .77	
Sweet, bags.....	b .10	: .11	Pumpkin Seed, bags.....	b .18 : .20	V.S.O. bags.....	b .75 : .77
OHRIS ROOT Florentine bold bags...b .07	: .07%	QUASSIA CHIPS, bags.....	b .07	Diamond I. bags.....	b .64 : .65	
Powdered, 200lb bbls.....	b .09	: .09	Queen of the Meadow Herbs, bags.....	b .06	Fine, bags.....	b .63 : .64
Verona, bags.....	b .05	: .06	Quince Seed, bags.....	b .75	T.N., bags.....	b .60 : .61
Powdered, 200lb bbls.....	b .07% : .07%	RAPE SEED, South Amer. bags.....	b .04	Garnet, A. C.	b .56 : .57	
Fingers, cans.....	b .50	: .55	Dutch, bags.....	b .05	Button, bags.....	b .73 : .74
Ookerite Wax, brown hard bags...b .22	: .24	Japanese, small, bags.....	b .05% : .06	Bleached, ground, bbls.....	b .61 : .62	
Green, hard bags.....	b .27	: .28	Raspberries, dried boxes.....	b .56	Bone Dry, bbls.....	b .72 : .73
Refined, yellow bags.....	b .20	: .21	Red Sanders.....	b .17	Sinharub Bark, bales.....	b .07 : .08
PAPRIKA, bags.....	b .20	: .27%	Rhatany Root, bags.....	b .09	Sideritis Herb, cut bags.....	b .15 : .18
Hungarian.....	b .26	: .28	RHUBARB, Root, H. D., cases...b .35	: .37	Skullcap Leaves, Eastern, bales.....	b .65 : .70
Pardina Brava Root, bags.....	b .13	: .14	Powdered, 200lb bags.....	b .38	Western, bales.....	b .34 : .38
Parsley Seed, bags.....	b .09	: .10	Rosemary Leaves, bales.....	b .04% : .05	Sloe Berries, bags.....	b .03 : .04

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Snake Root, Canada natural bags.	lb .45	: .50
Stripped, bags	lb .50	: .65
SOAP BARK, whole, 150-200 lb bales	lb .08	: .08 1/2
Cut, 125-175 lb bags	lb .09 1/4	: .10
Crushed, 200 lb bals	lb .10	: .10 1/2
Powdered, 200 lb bals	lb .12	: .13
Sperminal Leaves, American bales	lb .15	: .22
Spermactin blocks, cakes, cases	lb .37	: .43
Spikenard Root, bags	lb .23	: .24
Spruce Gum, boxes	lb 1.00	: 1.50
Squaw Vine, bales	lb .18	: .20
Squills, white	lb .04 1/2	: .05
Powdered, bulk	lb .35	: .40
Stavesacre Seed, bags	lb .44	: .46
Sticklac, Siam, 250 lb bales	lb .11 1/2	: .12
Stillington Root, bags	lb .09	: .10
Stone Root, bags	lb .70	: .75
Storax, liquid artif.	lb .90	: 1.00
Gen USP		
St. Ignatius Beans, bags	lb .12	: .13
St. John's Bread, bags	lb .03	: .05
Stramonium Leaves, bales	lb .06 1/2	: .07 1/2
Stramonium Seed, bags	lb .12	: .13
Strophanthus Seed, Hispidus	lb .42	: .44
Kombe, bags	lb .43	: .45
Sunflower Seed, domestic bags	lb .05 1/2	: .06
South American, bags	lb .05	: .05 1/2
TAGALDER BARK, bags	lb .05	: .06
Tamarinds, bals.	lb .05 1/2	: .06
Kegs	per keg	: 3.50
Tansy Herb, bales	lb .18	: .19
Tar, Barbadoes, 50 gal. bals.	gal 1.40	: 1.50
Thun Gum, 280 lb bals.	lb ...	: ...
Thyme, Spanish bales	lb .05 1/2	: .06 1/2
French, bales	lb .07 1/2	: .08
Tilia, See Linden		
Pola Balsam, see Balsams		
Tonga Bark, bags	lb .27	: .29
Tonka Beans, Angostura, cases	lb 2.15	: 2.25
Para, cases	lb .75	: .80
Surinam, cases	lb ...	: ...
Tragacanth Gum, No. 1, ribbon	160 lb cs.	lb 1.16 : 1.20
No. 2 to No. 6, cases	lb .90	: 1.16
Powdered, 50 lb boxes	lb .85	: .90
Turkish, cases	lb .70	: .85
Turneppey, bags	lb .12 1/2	: .13
Aleppy, bags	lb .10 1/2	: .11
Powdered	lb .12	: .13
China, bags	lb .09	: .09 1/2
Turpentine, Venet. true 80 lb cs.	lb .15	: .18
Artificial, 80 lb cases	lb .11	: .12
Spirits, see Naval Stores		
UNICORN ROOT, false, see Heloni		
True, see Aletris		
Uva Ursi Leaves, bales	lb .04 1/2	: .05
VALERIAN ROOT, Belgian bags	lb .09	: .09 1/2
Vanilla Beans Mex. whole cases	lb 11.50	: 12.00
Cuts, cases	lb 10.00	: 11.00
Bourbon, cases	lb 10.00	: 11.00
South American, cases	lb .70	: 7.50
Tahiti, yellow label cases	lb .70	: 7.50
Green Label, cases	lb ...	: ...
Vetiver Root, 100 lb bags	lb .25	: .26
Violet Flowers, bags	lb .80	: .85
WAHOO BARK, of root bags	lb .90	: 1.05
Of Tree, bags	lb .40	: .42
White Pine Bark, rossed, bags	lb .07 1/2	: .08
White Poplar Bark, bags	lb .06	: .07
Wild Cherry Bark, thin green		
Rosered, bales	lb .11	: .12
Thick Rosered, bales	lb .08	: .09
Thin Natural, bales	lb .08 1/2	: .09 1/2
Thick Natural, bales	lb .05	: .06
Willow, bark bags	lb ...	: .06
White, bags	lb ...	: .15
Witch Hazel Bark, bags	lb .07	: .08
Witch Hazel Leaves, bales	lb .07 1/2	: .08
Worm Seed, American bags	lb .08 1/2	: .09
Levant bags	lb 4.00	: 4.50
Wormwood Herb, imported bales	lb ...	: .10
Yacca Gum, red	lb .04	: .04 1/2
Ground	lb .05 1/2	: .06 1/2
YELLOW DOCK ROOT, bags	lb .12	: .14
Yellow Parilla Root, bags	lb .16	: .17
Yerba Santa, bags	lb .09	: .09 1/2
Zelony Root, bags	lb .11	: 12

Essential Oils

Almond Bitter USP, 5 lb bot.	lb 3.15	: 3.25
Bitter ff PA 5 lb bot.	lb 3.25	: 3.50
Sweet, 50 lb cans	lb .40	: .41
Peach Kernel, 55 lb tins	lb .24	: .25
Apricot, see Peach Kernel		
Amber, crude 25 lb tins	lb .70	: .75
Rectified, 25 lb tins	lb .90	: .95
Angelica Root, 1 lb bot.	lb 32.00	: 36.00
ANISE, Tech., 60 lb case	lb .51	: .52
USP, 50 lb tins	lb .55	: .57
Bay, 25 lb tins	lb 2.20	: 2.30
Bergamot, 25 lb coppers	lb 3.40	: 3.55
Artificial, 25 lb cans	lb 2.20	: 2.35
Birch Tar, rect. 5 lb bot.	lb 1.00	: 1.10
Crude, 50 lb tins	lb .30	: .35
Bols de Rose, 25 lb tins	lb 4.50	: 4.75
Cade, 25 lb cans	lb .35	: .40
Cajuput, native, 50 lb tins	lb .75	: .80
Calamus, 5 lb bot.	lb 4.20	: 4.65
Camphor, heavy, 1000 lb drums	lb .14 1/2	: .15
Japanese, white, 72 lb cases	lb .14	: .14 1/2
White, 1000 lb drums	lb .13 1/2	: .14
Cananga native 25 lb tins	lb 2.00	: 2.25
Rectified, 25 lb tins	lb 2.50	: 3.00
Caraway, USP	lb 4.00	: 4.50
Cardamom, 5 lb bot.	lb 28.00	: 30.00
Carvol, 5 lb bot.	lb 14.00	: 15.00
CASSIA, 80-85 p.c. 400 lb drms	lb 2.30	: 2.40
Redistilled, USP, 50 lb cans	lb 2.75	: 2.85
Cedar Leaf, 50 lb tins	lb .90	: 1.00
Cedar Wood, light 1000 lb drums	lb .55	: .57
Celery, 1 lb bot.	lb 10.00	: 11.00
Chaulmoogra, 80 lb cases	lb .85	: .90
Cinnamon, Ceylon, 1 lb bot.	lb 11.00	: 12.50
Leaf, 5 lb bot.	lb 1.45	: 1.60
CITRONELLA, Ceylon,		
1000 lb drums	lb .75	: .82
50 lb tins	lb .78	: .85
Java, 400 lb drums	lb ...	: ...
50 lb tins	lb ...	: ...
Cloves, USP, 50 lb cans	lb 1.90	: 1.95
6 lb bot.	lb 2.00	: 2.10

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Essential Oils

Copal, USP, 50 lb tins	lb .40	.42
Coriander, USP, 1 lb bot.	lb 11.25	11.75
Croton, USP, 25 lb tins	lb .95	1.00
Cubeb, USP, 5 lb bot.	lb 5.00	5.25
Cumin, 1 lb. bot.	lb 11.50	12.00
DILL, 1 lb bot.	lb 4.25	4.50
Erigone, 20 lb tins	lb 1.30	1.40
EUCALYPTUS, Austl. USP 56 lb cans	lb .57	.60
500 lb drums	lb .55	.57
Fennel, USP, 25 lb tins	lb .90	1.10
Geranium, Algerian, 25 lb tins	lb 7.75	8.50
Bourbon, 25 lb tins	lb 7.25	8.50
Turkish, 25 lb tins	lb 4.25	4.50
Ginger, 1 lb bot.	lb 9.00	10.00
Gingerglass, 28 lb tins	lb 2.75	3.00
Hemlock, 50 lb cans	lb .90	1.00
Juniper Berries, USP, 25 lb tins	lb 1.25	1.30
Wood, 50 lb tins	lb .50	.60
Lavender, USP, 28 lb tins	lb 5.50	6.50
Spike, Spanish, 50 lb cans	lb .85	1.25
LEMON, Ital. USP, 25 lb tins	lb .82	.90
American, USP, 25 lb tins	lb .70	.75
Lemongrass, native, 50 lb cans	lb .75	.85
Limes, express, 25 lb tins	lb 2.15	2.25
Distilled, 25 lb tins	lb 1.05	1.10
Linaloe, Mex. 80 lb cans	lb 3.40	3.60
Mace, distilled, 50 lb tins	lb 1.25	1.35
Mirtbane, ref. see Ar. Chemicals		
Mustard, USP, 1 lb bot.	lb .00	14.00
Artif., USP, 1 lb bot.	lb 4.00	3.15
Neroli, Bigarade, ½ & 1 lb cans	lb 40.00	60.00
Petale, 1 lb bot.	lb 90.00	120.00
Artificial, 1 lb bot.	lb 10.00	25.00
Neumeg, USP, 25 lb tins	lb 1.85	1.85
Orange, bitter, 25 lb tins	lb 2.50	2.75
Sweet, W. Ind., 25 lb tins	lb 2.35	2.45
Italian, 25 lb. cop.	lb 2.70	2.90
American, 25 lb tins	lb 3.00	3.10
Distilled, 25 lb tins	lb 1.50	1.75
Spanish, 25 lb tins	lb 2.45	2.60
Oregano, 50 lb can tech.	lb .30	.35
Parsley, 1 lb. bot.	lb 3.50	4.00
Patchouli, 5 lb bot.	lb 4.50	5.50
Pennyroyal, dom. 25 lb tins	lb 2.00	2.25
Imported, 25 lb tins	lb 4.16	4.65
PEPPERMINT, nat., 60 lb cases	lb 6.00	6.25
Redis, USP, 60 lb cases	lb 6.50	6.75
Petit Gratin, S. Am. 25 lb tins	lb 1.90	1.95
French, 1 lb. bot.	lb 7.00	8.00
Italian, 25 lb tins	lb 2.25	2.35
Pimento, 25 lb tins	lb 2.00	2.10
Pinus Sylvester, 25 lb tins	lb .00	1.40
Pumilio, USP, 25 lb tins	lb .00	2.25
Rose, Fr., 8, 16 & 32 oz. plgs. or Artificial, 1 lb bot.	lb 8.00	9.00
Tech., 27 ½ lb tins	lb 2.00	3.00
Rue, Fr., 8, 16 & 32 oz. plgs. or Tech., 27 ½ lb tins	lb .42	.48
Rosemary, USP, 27 ½ lb. tins	lb .35	.40
1000 lb drums	lb .35	.40
Tech., 27 ½ lb tins	lb .35	.40
Rue, 1 lb bot.	lb .00	4.25
Sandalwood, E. Ind. USP, 76 lb cases	lb 6.15	6.25
W. Indian, (Ambergis) 25 lb tins	lb 2.80	2.90
Sassafras, USP, 50 lb cans	lb 1.15	1.20
Artificial, 1000 lb drs., 60 lb cans	lb .34	.36
Savin, 5 lb tins	lb 2.25	2.40
Spearmint, 60 lb cases	lb 3.50	3.75
Spruce, 50 lb tins	lb .90	1.00
Tansy Amer., 26 lb tins	lb 2.75	3.00
Tar, 50 gal. bbls.	gal .25	.28
Refined, USP, 25 lb tins	lb .00	
Thyme, red, USP, 25 lb tins	lb .85	1.00
White, USP, 25 lb tins	lb 1.00	1.10
Tech., 110 lb drums	lb .30	.35
Vetivert, Bourbon, 1 lb bot.	lb 11.00	14.00
Java, 1 lb bot.	lb 30.00	32.00
Wine, heavy 1 lb bot.	lb ...	1.50

PIMENTO, 25 lb tins	lb 2.00	2.10
PINUS SYLVESTRIS, 25 lb tins	lb .00	1.40
PUMILIO, USP, 25 lb tins	lb .00	2.25
RUE, Fr., 8, 16 & 32 oz. plgs. or Artificial, 1 lb bot.	lb 8.00	9.00
Bulg., 8, 16 & 32 oz. plgs. or Artificial, 1 lb bot.	lb 2.00	3.00
ROSEMARY, USP, 27 ½ lb. tins	lb .42	.48
1000 lb drums	lb .35	.40
Tech., 27 ½ lb tins	lb .35	.40
RUE, 1 lb bot.	lb .00	4.25
SANDALWOOD, E. Ind. USP, 76 lb cases	lb 6.15	6.25
W. Indian, (Ambergis) 25 lb tins	lb 2.80	2.90
SASSAFRAS, USP, 50 lb cans	lb 1.15	1.20
Artificial, 1000 lb drs., 60 lb cans	lb .34	.36
SAVIN, 5 lb tins	lb 2.25	2.40
SPERMINT, 60 lb cases	lb 3.50	3.75
SPRUCE, 50 lb tins	lb .90	1.00
TANSY AMER., 26 lb tins	lb 2.75	3.00
TAR, 50 gal. bbls.	gal .25	.28
Refined, USP, 25 lb tins	lb .00	
THYME, red, USP, 25 lb tins	lb .85	1.00
WHITE, USP, 25 lb tins	lb 1.00	1.10
TECH., 110 lb drums	lb .30	.35
VETIVERT, Bourbon, 1 lb bot.	lb 11.00	14.00
JAVA, 1 lb bot.	lb 30.00	32.00
WINE, heavy 1 lb bot.	lb ...	1.50

Aromatic Chemicals

NATURAL DERIVATIVES		
Anethol, 2 lb. bot.	lb 1.25	1.75
Borneol, 1 lb. bot.	lb ...	3.50
CITRAL, 25 lb cans	lb 2.75	3.00
Citronellal, 1 lb. bot.	lb 2.00	2.25
EUCALYPTOL, USP, 25 lb cans	lb ...	1.75
Eugenol, USP, 25 lb cans	lb 3.25	3.50
GERANIOL, Domestic, 50 lb cans	lb 2.75	3.00
Imported, 5 lb. bot.	lb 3.75	4.50
Iso-Eugenol, 1 lb. bot.	lb 4.50	5.00
Imported	lb 5.50	6.50
Linalool, 5 lb. bot.	lb 6.25	7.50
From Bois de Rose, 5 lb. bot.	lb 11.00	12.75
MENTHOL, 60 lb cans	lb ...	13.50
Less cases, 5 lb. cans	lb ...	13.75
Rhodinol, 1 lb. bot.	lb 18.00	21.00
Extra	lb 40.00	47.00
SAFROL, 60 lb cans	lb .43	.45
Thymol, USP, 25 lb tins	lb 4.25	4.50
SYNTHETIC AROMATICS		
Acetaldehyde, 50% sol. pure, 5 lb bot.	lb 1.75	2.00
Acetophenone, CP, 1 lb. bot.	lb 4.25	4.50
Aldehyde, C-8 (Octyl), 1 lb. bot.	lb 45.00	60.00
Aldehyde, C-10 (Decyl), 1 lb. bot.	lb 50.00	58.00
Aldehyde, C-12 (Dodecyl), 1 lb.	lb 27.50	32.50
Aldehyde, C-14, 1 lb. bot.	lb 22.50	25.00
Aldehyde, C-16, 1 lb. bot.	lb 70.00	80.00
Aubepine, see Anisic Aldehyde		
AMYL ACETATE, pure 5 gal. cans. gal	4.00	4.25
AMYL BUTYRATE, 1 lb. bot.	lb 1.75	2.00
AMYL CINNAMATE, 1 lb. bot.	lb 4.00	4.50
AMYL FORMALDEHYDE, 1 lb. bot.	lb 1.50	1.75
AMYL PHENYL ACETATE, 1 lb. bot.	lb 4.50	5.00
AMYL SALICYLATE, dom. 100 lb. crys.	lb 1.45	1.50
Imported	lb 2.25	2.50
AMYL VALERATE, 5 lb. bot.	lb 4.75	5.00
Anisic Aldehyde, 1 lb. bot.	lb 3.75	4.25
BENZALDEHYDE, USP, 40 lb. crystals	lb 1.40	1.50
FFC, 40 lb. chrys.	lb 1.50	1.65
Benzotol Ether, See Ethyl Benzotate	lb 6.75	7.00
Benzophenone, 1 lb. bot.	lb 6.75	7.00
Benzyl Acetate, 100 lb. chrys.	lb 1.55	1.75

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Aromatic Chemicals

Benzyl Alcohol, 5 lb bot.	lb 1.45	: 1.55	Iso-Butyl Benzoate, 5 lb bot.	lb 4.75	: 5.00	Skatol, 1 oz. bot.	oz 7.00	: 7.25
BENZYL BENZOATE, 5 lb bot.	lb 1.60	: 1.75	Iso-Safrol, 1 lb bot. imported.	lb 5.25	: 5.50	Terpineol Acetate, 25 lb cans.	lb 1.65	: 1.85
Medicinal FFC	lb 1.75	: 2.00	Domestic, 5 lb bot.	lb 4.00	: 4.25	Imported, 25 lb cans.	lb 1.90	: 2.20
Benzyl Butyrate, C.P., 1 lb bot.	lb 5.50	: 6.00	Linalyl Acetate, 1 lb bot. Dom.	lb 8.00	: 9.50	TERPINEOL, CP. 1000 lb drums.	lb .48	: .50
Benzyl Cinnamate, 1 lb bot.	lb 10.00	: 10.50	Imp., 1 lb bot.	lb 8.00	: 8.50	Cans, 50 lb	lb .53	: .57
Benzyl Formate, 1 lb bot.	lb 3.00	: 3.25	Linalyl Benzoate, 1 lb bot.	lb 13.00	: 14.00	Absolute, 25 lb cans	lb .90	: 1.15
Benzyl Propionate, 1 lb bot.	lb 5.00	: 5.25	Linalyl Formate, 5 lb bot.	lb 10.50	: 12.00	Imported, 25 lb cans	lb 1.10	: 1.20
Bornyl Acetate, 1 lb bot.	lb 3.00	: 3.50	Methyl Acetophenone	lb 4.75	: 5.00	VANILLIN, USP, 500 oz. cans.	oz ..	: .495
Bromotrop, 25 lb bags	lb 3.00	: 4.00				Cans, 16 oz., 80 oz.	oz .50	: .51
Butyl Anthranilate, 1 lb bot. dom.	lb ...	: 16.00				Second Hand	oz .45	: .46
Butyric Ether. See Ethyl Butyrate			1 lb bot.	lb 2.75	: 3.25	Valerianic Ether, See Ethyl Valerate	lb 1.75	: 2.00
Cinnamic Acid, 5 lb cans.	lb 3.00	: 3.25	Imported	lb 4.50	: 5.00	Yan Yara, 1 lb cans.	lb ..	
Cinnamic Alcohol, liquid 1 lb bot.	lb 9.00	: 9.50	Methyl Benzoate, 5 lb bot. import.	lb 2.00	: 2.25			
Crystallizable	lb 9.50	: 10.00	Domestic, 5 lb bot.	lb 1.75	: 2.00			
Cinnamic Aldehyde	lb 3.50	: 3.75	Methyl Cinnamate, 1 lb bot.	lb 3.50	: 3.75			
CITRONELLOL, 1 lb bot.	lb 9.00	: 11.00	Methyl Heptenone, 1 lb bot.	lb 8.00	: 8.25			
Imported, 1 lb bot.	lb 10.00	: 12.00	Methyl Paracetol, 1 lb bot.	lb 8.00	: 9.00			
Citronellyl Acetate, 1 lb bot.	lb 13.00	: 14.00	Methyl Phenylacetate, 5 lb bot. dom.	lb 3.75	: 4.00			
COUMARIN, 25 lb cans.	lb 3.25	: 3.45	METHYL SALICYLATE, USP 500 lb	lb ..				
DIETHYL PHTHALATE, 25 lb cans.	lb .40	: .45	drums	lb ..				
10000 lb drns.	lb .35	: .40	50 lb cases	lb ..				
Diphenyl oxide, 25 lb tins.	lb .85	: .90	Second Hands	lb .44	: .45			
Ethyl Acetate, pure, 5 lb bot.	lb .45	: .50	Mirbane, rect., 1000 lb drns.	lb .1234	: .14			
Ethyl Benzoate, 5 lb bot.	lb 1.85	: 2.00	Musk Ambrette, 1 lb cans.	lb 14.50	: 16.00			
Ethyl Butyrate, 5 lb bot.	lb 1.75	: 2.00	Musk Ketone, 1 lb cans.	lb 17.75	: 19.00			
Ethyl Caproate, 1 lb bot.	lb 3.25	: 3.50	Musk Xylene, 5 lb cans.	lb 4.50	: 5.00			
Ethyl Cinnamate, 1 lb bot.	lb 3.50	: 3.75	Nerolin, 1 lb cans.	lb 1.65	: 2.00			
Ethyl Formate, 5 lb bot.	lb 2.00	: 2.10	Oenanthile Ether, 1 lb bot.	lb 1.50	: 2.00			
Ethyl-methyl Paracetol, 1 lb bot.	lb 3.25	: 3.50	Phenylacetaldehyde, Dom.					
Ethyl Phenylacetate, 5 lb bot.	lb 3.75	: 4.00	1 lb. bot. 50 p.e.	lb 8.00	: 8.50			
Ethyl Propionate, 1 lb bot.	lb 2.25	: 2.50	Imported, 50 p.e.	lb 8.00	: 9.00			
Ethyl Valerate, 5 lb bot.	lb 4.50	: 4.75	80-85 p.e.	lb 15.00	: 18.00			
Ethyl Salicylate, 5 lb bot.	lb 3.25	: 3.50	Phenylacetic Acid, 1 lb bot.	lb 3.00	: 3.25			
Formic Ether. See Ethyl Formate			Phenyl Diacetate, 10 lb cans.	oz 3.25	: 3.50			
Geranyl Acetate, 1 lb bot.	lb 5.00	: 5.50	PHENYLETHYLALCOHOL dom.					
Geranyl Butyrate, 1 lb bot.	lb 13.00	: 13.50	1 lb. bot.	lb 8.00	: 10.00			
Geranyl Formate, 1 lb bot.	lb 12.00	: 12.50	Imported	lb 7.50	: 8.50			
Heliotropin, dom., 100—10 lbs.	lb 1.85	: 2.00	Phenylethyl Butyrate, 1 lb bot.	lb 26.00	: 28.00			
Imported	lb 2.50	: 2.75	Phenylethyl Formate, 1 lb bot.	lb 19.00	: 21.00			
Hydroxycitrcellal, 1 lb bot.	lb 12.00	: 14.00	Phenylethyl Propionate, 1 lb bot.	lb 20.00	: 24.00			
Indol, CP, 1 oz. bot.	oz 6.00	: 6.50	Phenylethyl Valerate, 1 lb bot.	lb 25.00	: 29.00			
Ionone, 1 lb bot. 100%.	lb 10.00	: 11.00	Phenylpropylalcohol, 1 lb bot.	lb 15.00	: 16.00			
Alpha	lb 14.50	: 16.00						
Beta	lb 12.75	: 14.50						
Methyl	lb 16.00	: 18.00						



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ALBUMEN—50 cs., Order, Shanghai; Hen, 112 cs., Mech. & Metal Nat. Bk., Shanghai

ALOES—130 cs., R. Desvergne, Curacao

AMMONIUM-NITRATE, 153 cks., Kuttroff Pickhards & Co., Hamburg

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BARIUM-Chloride, 112 cks., C. Tennant & Sons, Bremen; Peroxide, 138 bbls., W. A. Brown & Co., Hamburg

BARTH-Wattle, 1,846 bgs., Smith Kirkpatrick & Co., Durban

CAMPHOR—160 cs., Equit. Trust Co., Hamburg; 90 cks., Order, Hamburg

CASEIN—1,668 bgs., Kalbfleisch Corp., Buenos Aires; 417 bgs., First Nat. Bk., Boston, Buenos Aires; 417 bgs., Irving Bk., Buenos Aires; 417 bgs., Brown Bros. & Co., Buenos Aires

COLORS—19 cks., Amer. Exch. Nat. Bk., Liverpool; 9 cks., Amer. Aniline Products Co., Hamburg; 1 ck., H. A. Metz & Co., Hamburg; 3 cks., 1 cse., Franklin Imp. & Exp. Co., Hamburg; 8 bbls., Irving Bk., Genoa; 2 pgs., Irving Bk., Genoa; 11 bbls., Order, Genoa; 32 pgs., Sandow Chem. Wks., Havre; 18 cks., Ciba Co., Havre; 2 bbls., Carbic Color & Chem. Co., Havre; 17 cks., Geigy Co., Havre; 4 drs., 2 cks., Irving Bk., Antwerp; 4 cks., Bernard Judae & Co., Hamburg; 10 cks., Brown Bros. & Co., Southampton; 6 cks., Kuttroff Pickhardt & Co., Rotterdam; **Bronze Powder**, 10 cs., B. F. Drakenfeld, Bremen; 23 cs., T. Reissner, Bremen; 13 cs., Phoenix Shpg. Co., Hamburg; 14 cs., L. Uhlfelder, Bremen; **Earth**, 1 ck., E. W. & F. Waldo, London; 23 cks., Reichard Coulston Inc., Hamburg

DRAGONS BLOOD—10 cs., Brown Bros. & Co., Singapore

EXTRACTS—**Archill Liquor**, 5 cks., J. Campbell & Co., Liverpool; 5 cks., W. Mohrman, London; **Mangrove Bark**, 2,000 bgs., Order, Singapore; **Quebracho**, 15,463 bgs., Winthrop Beekman, Buenos Aires; 1,989 bgs., Commonwealth Atlantic Nat. Bk., Buenos Aires; 2,720 bgs., Guaranty Trust Co., Buenos Aires; 2,040 bgs., Order, Buenos Aires

FULLERS EARTH—250 bgs., L. A. Salomon & Bro., London; 250 bgs., L. A. Salomon & Bro., Bristol; 750 bgs., L. A. Salomon & Bro., London

GALLNUTS—300 cs., Mallinckrodt Chem. Wks., Hankow

GAMBIER—116 cs., Heidelbach Ickelheimer & Co., Padang

GELATINE—220 bgs., Equit. Trust Co., Hamburg; 200 bgs., T. W. Dunn Co., Bremen; 72 bgs., Equit. Trust Co., Bremen; 20 cs., Strohmeyer & Arpe Co., Hamburg; 163 bbls., 50 kgs., H. A. Sinclair, Rotterdam; **Technical**, 200 bgs., Order, Marseilles

GLAUBER'S SALT—350 bbls., Seaboard Nat. Bk., Hamburg

GLYCERIN—100 bbls., Marx & Kawolle, Marseilles; 52 cs., N. Y. Trust Co., Rotterdam; 37 drs., Order, Rotterdam; 10 drs., Order, Dunkirk

GUM—10 bgs., Order, Hamburg; 35 bgs., Order, Singapore; **Copal**, 140 pgs., 200 cs., L. C. Gillespie & Sons, Singapore; 100 bgs., 100 sks., Equit. Trust Co., Antwerp; 1,548 bgs., Order, Antwerp; 428 bkts., Order, Ambon; 262 bkts., France Campbell & Darling, Macassar; 192 bkts., Paterson Boardman & Knapp, Macassar; 401 bkts., Kidder Peabody Accept. Corp., Macassar; 2,402 bkts., 140 cs., Innes & Co., Macassar; 878 pgs., Order, Macassar; **Damar**, 100 cs., Chem. Nat. Bk., Singapore; 100 cs., F. R. Henderson, Batavia; 100 bgs., 100 cs., Chem. Nat. Bk., Singapore; 179 bkts., Innes & Co., Batavia; 100 cs., Innes & Co., Batavia; 12 cs., Innes & Co., Batavia; **Kauri**, 35 cs., 58 sks., Guaranty Trust Co., Auckland; 38 cs., Brown Bros. & Co., Auckland; 101 cs., 79 sks., Irving Bk., Auckland; 80 cs., 246 sks., Chem. Nat. Bk., Auckland; 350 sks., Chase Nat. Bk., Auckland; 890 pgs., Order, Auckland

GUM RESIN SOLUTION—30 cks., Franklin Imp. & Exp. Co., Hamburg

HERBS—70 bls., Columbo Co., Genoa; 6 bls., Order, Hamburg

IRON Powder, 23 cs., Mallinckrodt Chem. Wks., Bremen

IRON OXIDE—2 cks., E. M. & F. Waldo, Liverpool; 18 cks., Reichard Coulston Inc., Liverpool; 61 cks., J. A. McNulty, Liverpool; 5 cks., Hanson & Van Winkle, Liverpool; 90 cks., Order, Liverpool; 228 brls., W. Schall & Co., Malaga; 100 bbls., L. Scott Libby

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JUICE—Lime, 150 cs., 2 puns, J. P. Smith & Co., London

LEAVES—Arbutus, 70 sks., Order, Alicante; **Marshmallow,** 18 lbs., Order, Leghorn; **Thyme,** 50 brs., Order, Genoa

LICORICE—Cuttings, 30 bgs., McLaughlin Gormley & King, Genoa; **Paste,** 250 cs., H. Utard, Tarragona

MENTHOL—10 cs., S. W. Bridges & Co., London; 5 cs., McKesson & Robbins, London

MERCURY—40 flasks, Poillon & Poirier, Vera Cruz; 21 flasks, J. G. Schroeder, Vera Cruz

MINERAL WHITE—100 bgs.. Whittaker Clark & Daniels, Hull

OILS—FISH—100 bbls., Order, Bergen; **Codliver,** 110 bbls., A. F. Rooson, Bergen; 278 bbls., 200 cks., Nat. Bk. of Commerce, Bergen; 200 bbls., Order, Bergen; 25 bbls., Order, Aalesand; **Fusel,** 13 drs., De Mattia Chem. Co., Havana; **Haarlem,** 25 cs., McLaughlin Gormley & King, Rotterdam; **Linseed,** 475 tons, Balfour Williamson & Co., Hull; 425 tons, Order, Hull; **Palm,** 348 drs., Niger Co., Liverpool; 24 cks., Fourth St. Nat. Bk., Liverpool; 36 cks., Order, Liverpool; 365 bbls., 101 cks., Order, Hull; 160 cks., Garfield Natl. Bk., Liverpool; 160 cks., Order, Liverpool; 60 cks., Order, Hamburg; 129 butts, Order, Rotterdam; **Rape,** 100 bbls., Nat. City Bk., Rotterdam; 100 bbls., Nat. City Bk., Rotterdam; 430 bbls., Balfour Williamson & Co., Hull; 50 bbls., J. D. Irwin & Co., Hull; 500 bbls., Order, Hull; **Sesame,** 137 bbls., Order, Bristol; **Tar Acid,** 20 drs., Lunham & Reeve, Antwerp; **Vegetable,** 100 drs., Amer. Hawaiian S. S. Co., Hull; **Wood,** 680 tons, Internat'l Bkg. Corp., Shanghai; 154 cks., Standard Bk. of So. Africa, Shanghai; 150 cks., Order, Shanghai

OILS—Essential, 5 drs., Order, Malaga; 12 drs., 5 cks., Guaranty Trust Co., Marseilles; 4 cs., Dodge & Olcott Co., Grasse; 6 cs., Ungerer & Co., London; 2 drs., G. Lueders & Co., Malaga; 28 drs., Order, Malaga; 15 cs., Brown Bros. & Co., London; 4 cs., W. J. Bush & Co., London; 11 cs., Lautier Fils, Marseilles; 6 cs., Dodge & Olcott, Grasse; 20 cs., Tidewater Oil Co., Cork; 14 drs., G. Lueders & Co., Malaga; 4 drs., Lautier Fils, Malaga; 3 cs., Orbis Products Trdg., Southampton; 113 bbls., Order, Antwerp; **Cassia,** 10 cs., Order, London; 30 cs., Order, Hongkong; 15 cs., Order, London; **Cajuput,** 50 cs., Bk. of N. Y. & Trust Co., Macassar; **Conanga,** 1 drum, F. R. Henderson, Batavia; **Citronella,** 14 drs., F. R. Henderson, Batavia; 8 drs., Schulz & Ruckgaber, Sourabaya; 1 drum, Schulz & Ruckgaber, Sourabaya; 5 drs., Volkart Bros., Colombo; 3 drs., Order, London; 5 drs., Order, Colombo; **Eucalyptus,** 200 cs., 27 drs., Order, Melbourne; **Geranium,** 7 bbls., J. Manheimer Co., Marseilles; **Lavender,** 2 bbls., 1 can, Order, Marseilles; **Lime,** 18 cs., Dodge & Olcott, Central Amer. Ports; **Linaloe,** 6 drs., W. Berkert & Co., Vera Cruz; **Orange,** 10 cs., Order, Port Antonio

PHENOL—3 kgs., Order, Liverpool

POTASSIUM SALTS—Alum, 81 bbls., Order, Hamburg; **Caustic,** 132 drs., Superfos Co., Hamburg; **Chlorate,** 100 cks., Superfos Co., Hamburg; 1,500 cks., Irving Bk., Hamburg; **Muriate,** 5,000 bgs., Societe Comm., Des Potasses D'Alsace, Antwerp; **Nitrate,** 2 kgs., Order, Hamburg; **Permanganate,** 100 drs., Guaranty Trust Co., Hamburg; **Prussiate,** 15 bbls., Order, Hamburg; **Sulfate,** 4 cs., Roger Sonderby Co., London

PYRIDINE—2 drs., A. Hurst & Co., Antwerp

ROOTS—Broom, 36 pks., H. Triest & Co., Vera Cruz; **Canagria,** 17 sks., Order, Vera Cruz; **Dandelion,** 12 cs., Order, Hamburg; 46 bgs., Order, London; **Ipecac,** 2 cs., Fidanque Bros. & Sons, Panama; **Jalap,** 3 sks., H. Triest & Co., Vera Cruz; **Orris,** 43 bgs., Order, Leghorn; **Sarsaparilla,** 41 pks., J. A. Medina & Co., Tampico

SAL AMMONIAC—42 cks., Seaboard Nat. Bk., Hamburg; 56 bbls., Roessler & Hasslacher Chem. Co., Hamburg

SEEDS—Aniseed, 50 bgs., Amer. Hawaiian S. S. Co., Malaga; **Annatto,** 81 bgs., Nat.

City Bk. Rio de Janeiro; 42 bgs., Order, Batavia; 14 bgs., Order, London; **Caraway,** 200 bgs., Catz Amer. Co., Rotterdam; 100 bgs., French Kreme Co., Rotterdam; 200 bgs., Archibald & Lewis, Rotterdam; 200 bgs., C. E. Armstrong Inc., Rotterdam; 200 bgs., J. Kutzukiaz & Co., Rotterdam; 300 bgs., W. R. Grace & Co., Rotterdam; 1,540 bgs., Catz Amer. Co., Rotterdam; 100 bgs., Irwin Harrison & Whitney, Rotterdam; 500 bgs., Archibald & Lewis, Rotterdam; 200 bgs., R. J. Vreeland Jr. Co., Rotterdam; 200 bgs., C. E. Armstrong Inc., Rotterdam; 200 bgs., J. Wertheimer & Sons, Rotterdam; 500 bgs., Order, Rotterdam; **Fescue,** 112 sks., H. W. Peabody & Co., Dunedin; 300 sks., Order, Dunedin; **Flax,** 9,090 bgs., Order, Buenos Aires; 8,807 bgs., Order, Buenos Aires; **Mustard,** 300 bgs., Order, London; 257 bgs., Order, Liverpool; 250 cks., R. F. Downing & Co., London; 40 bgs., J. W. Greene Co., Rotterdam; **Rape,** 300 bgs., Order, Rotterdam

SEHELLAC—Garnet, 30 bgs., Kasebier Chaffield Shellac Co., Hamburg; **Sticklac,** 100 bgs., Order, Singapore

SILVER—Sulfite, 4 cs., Markt & Schaefer Co., Callao

SODIUM SALTS—Citrate, 224 cs., H. Kerow, Marseilles; **Cyanide,** 60 cs., Amer. British Chem. Supplies Inc., Liverpool; 168 cs., Order, Liverpool; 175 cs., Roessler & Hasslacher Chem. Co., Hamburg; 280 cs., Amer. Hawaiian S. S. Co., Havre; **Hyposulfite,** 350 kgs., De Mattia Chem. Co., Antwerp; **Nitrate,** 1 kg., Order, Hamburg; 6,951 bgs., Wessel Duval & Co., Antofagasta; 19,393 bgs., E. I. Dupont de Nemours Co., Antofagasta; 21,207 bgs., Wessel Duval & Co., Antofagasta; **Prussiate,** 10 kgs., Meteor Products Co., Liverpool; 45 cks., C. Tennant Sons & Co., Liverpool; 15 cks., Order, Rotterdam; **Sulfite,** 100 drs., R. F. Downing & Co., Bristol; 20 ggs., J. W. Hampton Jr. & Co., Bristol; 17 drs., C. S. Grant & Co., Hamburg; 117 drs., C. S. Grant & Co., Hamburg

SULFUR—2 cs., Sulphur & Co., Marseilles

TALC—200 bgs., C. B. Chrystal & Co., Genoa

TAPIOCA—Flour, 800 bgs., Stein Hall & Co., Batavia; 576 bgs., Guanafay Trust Co., Batavia; 575 bgs., Tradesmen Nat. Bk., Batavia; 505 bgs., Sino Java Handels Inc., Sourabaya; 17,105 bgs., National City Bank, Sourabaya; **Pearl,** 1,031 bgs., First Nat. Bk., Boston; Batavia; 314 bgs., Stein Hall & Co., Batavia; 380 bgs., Order, Penang; 472 bgs., First Nat. Bk., Boston, Cheribon; 468 bgs., Bk. of N. Y. & Trust Co., Cheribon; 1,015 bgs., Order, Batavia; 1,290 bgs., Nat. City Bk., Sourabaya

TATAR—187 bgs., Royal Bkg. Powder Co., Marseilles; 100 bgs., C. Pfizer & Co., Marseilles; 142 bgs., C. Pfizer & Co., Valencia; 210 bgs., Harshaw Fuller Goodwin Co., Marseilles; 130 cs., C. Pfizer & Co., Alicante; 576 bgs., Royal Bkg. Powder Co., Marseilles; 573 bgs., C. Pfizer & Co., Marseilles; 399 bgs., Tartar Chem. Wks., Marseilles; **Cream,** 200 cks., Globe Shpg. Co., Marseilles

TEA FLUFF—774 bgs., G. W. Sheldon & Co., Colombo

THARIUM & CERIUM—Nitrate, 20 cs., Pfaltz & Bauer, Bremen

VANILLA—Beans, 4 cs., Order, Marseilles; 9 cs., H. Triest & Co., Tampico; 4 cs., Gomez & Sloan, Vera Cruz; 5 cs., Dodge & Olcott Co., Vera Cruz; 5 cs., Bk. of N. Y. & Trust Co., Marseilles

WAX—23 bgs., Mecke & Co., Azua; **Bees,** 20 bgs., Order, Hamburg; 44 bgs., Nat. City Bk., Rio de Janeiro; 174 bgs., Amer. Trdg. Co., Rio de Janeiro; 9 bgs., Curacao Trdg. Co., Santo Domingo City; 8 seroons, W. Schall & Co., Puerto Plata; 2 seroons, J. J. Julia & Co., Monte Cristi; 20 cs., Order, St. Nazaire; **Carnauba,** 56 bgs., Order, Rio de Janeiro; **Paraffin,** 1,993 bgs., Order, London; 1,600 bgs., Asiatic Petroleum Co., Bali, Japan

WHITE LEAD—100 kgs., J. Lee Smith & Co., London

WHITING—4,775 bgs., Taintor Trdg. Co., Dunkirk

WOODFLOUR—1,500 bgs., B. L. Soberski, Sarpsborg

WOOL GREASE—90 bbls., Order, Antwerp

ZINC—Oxide, 50 brls., Reichard Coulston Inc., Marseilles; 50 brls., Amer. Exch. Natl. Bk., Marseilles; 100 bbls., Amer. Exch. Natl. Bk., Marseilles

IMPORTS AT BOSTON

From Sept. 13 to 20

ACID—Oxalic, 52 casks, Roessler & Hasslacher Chem. Co., Antwerp

CALCIUM CHLORIDE—5,000 bags, Order, Hamburg

GLUE—250 bags, Order, Hamburg; 80 pks., Order, London

GUM—Copal, 136 bags, Order, Hamburg

IRON CHLORIDE—50 bbls., Order, Hamburg

MAGNESIUM CHLORIDE—107 drums, Order, Hamburg

POTASH—Mutrate, 5,999 bags, Order, Hamburg; 64 casks, Order, Hamburg

SODIUM Sulfate, 100 bags, Antwerp

SUMAC—735 bags, Order, Med. Ports; 1,400 bags, Order, Italian Ports

TALC—250 bags, Order, Med. Ports

WAX—Montan, 250 bags, Order, Hamburg

WHITING—200 bags, Order, Hamburg

WOOL GREASE—100 bbls., Order, Liverpool

ZINC AMM. CHLORIDE—31 casks, Order, Liverpool

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IMPORTS AT PHILADELPHIA

Sept. 10 to 17

ACID—Formic, 80 balloons, Roessler & Hasslacher Chem. Co., Rotterdam; **Oxalic,** 30 casks, Roessler & Hasslacher Chem. Co., Rotterdam

INFUSIONAL EARTH—800 bags, Order, Durban

PHOSPHATE—310 bags, Order, Antwerp

POTASH—Bicarbonate, 80 casks, Fourth Nat. Bank, Rotterdam

ROOTS—Gentian, 50 bales, Order, Marseilles

SEEDS—Coriander, 325 bags, Order, Casa Blanca; **Fennel,** 70 bales, Order, Marseilles

SODIUM CYANIDE—100 drums, Park Chemical Co., Manchester; 40 cs., 20 drums, Order, Manchester

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IMPORTS AT BALTIMORE

Sept. 11 to 18

FISH GLUE—25 bbls., Gallagher & Ascher, New York, Rhode Island, Liverpool

PYRITES—6,061.92 tons, Pyrites Co. of New York, Domira, Huvela

POTASH—Kainit, 66 casks, Shallus Co., West Canigaw, Hamburg

SULFATES—3,600 bales, Borregard Co., Philadelphia, Dania, Copenhagen

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IMPORTS AT NEW ORLEANS

Sept. 13 to 20

BARIUM CARBONATE—108,907 kilos, Germany

COPRA—2,534 tons, Philippines

MANURE SALT—268 tons, Germany

MAGNESIA CHLORIDE—1,600 lbs., England

NITRATE OF SODA—11,643 tons, Chile; 74,569 bags, Anthony Gibbs & Co., Iquique

SPONGES—68 bales, Havana

SARSAPOILLA—6 bales, Port Cortez

—

IMPORTS AT SAN FRANCISCO

Sept. 6 to 13

ACID—Tartaric, 17 kegs, American Cream Tar Co., Lyttleton

CASSIA—170 bales, S. L. Jones & Co., Hong-kong

COPRA—35 bags, San Francisco-Pacific Coco-nut Co., Ratanton; 189 bags, Burns Philip & Co., Ratanton; 945 bags, Atkins, Kroll & Co., Ratanton; 945 bags, Wightman & Crane, Ratanton; 1,252 bags, Wightman & Crane, Papete; 4,219 bags, Atkins, Kroll & Co., Papete; 9,141 bags, Order, Papete; 877 bags, H. Y. Gray & Co., Papete; 979 bags, American Finance & Commerce Co., Papete

EARTH—200 bags, Balfour, Guthrie & Co., London

OIL—Linseed, 191 drums, Order, London; O'live, 175 cases, H. Janssen & Co., London; 500 cases, Italian-American Bank, Rotterdam

PARAFFINE WAX—1,340 bags, Shell Oil Company of California, Balikpappan, via Hongkong

SPICES—Cinnamon, 200 cases, S. L. Jones & Co., Colombo, via Hongkong; 125 cases, Paul I. Fagan, Colombo, via Hongkong; Pepper, 250 bags, Order, Batavia, via Hongkong

SULFUR—20 bales, San Francisco Sulphur Co., Bordeaux

TARTAR—633 bags, American Cream Tartar Co., Bordeaux

VANILLA BEANS—197 cases, Order, Papete; 9 cases, Williams & Dimond, Papete

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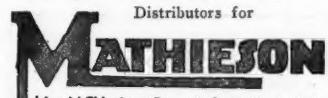
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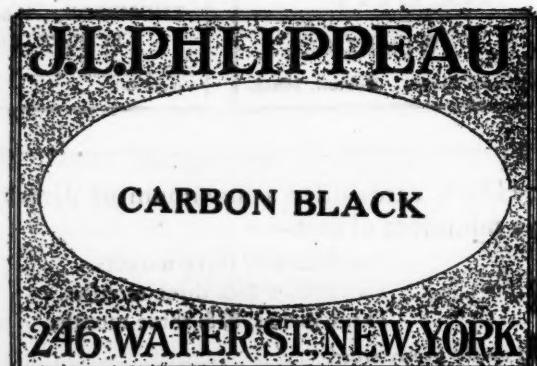
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WANTED—Salesmen, agricultural Insecticides; several wanted, salary or commission; Southern experience an advantage. Replies confidential. Box 180, DRUG & CHEMICAL MARKETS.

MANAGER for the Chemical Department wanted by New York importer representing German, French and other manufacturers of heavy chemicals. Knowledge of the French and German languages advantage. Box 191, DRUG & CHEMICAL MARKETS.

YOUNG MAN—Who has had one or two years experience in the fine chemical or drug business. Education in pharmaceutical school a help, but not a necessity. Ability to write letters essential. Good opportunity for right man who is at present employed, who is about 23 to 26 years old, and looks to the future. Write PHARMACEUTICAL, c/o DRUG AND CHEMICAL MARKETS.

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[SEPTEMBER 24, 1924]

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SALES AGENT WANTED for the products of a "Retort process" charcoal plant situated in Virginia—charcoal, tar, turpentine, etc., crude state. Box 184, DRUG & CHEMICAL MARKETS.

DRUG TRADE—House selling pharmaceutical specialties requires the service of several young salesmen in different territories. Job requires practically entire time traveling. Training in pharmacy or experience in drug store desirable. Only clean cut hard working men will be considered. Box 188, DRUG & CHEMICAL MARKETS.

DRUGS AND ESSENTIAL OILS—Wanted young man with chemistry or pharmacy training who is willing to start at bottom in an aggressive, established house. Reply stating experience houses worked for, education, religion, salary to start. Send replies to Drug Opportunity, c/o DRUG AND CHEMICAL MARKETS.

A MAN who controls the job you want is most apt to be a regular reader of this column. For real positions in the chemical, drug, dye, oil and allied fields no medium brings better results than these Wants and Offers—5c a word.

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OFFER—4,000 lbs. Potassium Bisulfate Crystals at bargain. Also 5,000 lbs. Ammonium Perchlorate; 5 tons Barium Nitrate and 10 tons Anhydrous Sodium Sulfate. Box 192, DRUG & CHEMICAL MARKETS.

WANTED TO BUY Pure American Vaseline. Quote prices and quantities and send samples. Export Gesellschaft, Palfner & Company, Luitpoldstr. 8, Berlin W 35, Germany.

DRUGS AND CHEMICALS

PARAFFIN WAX wanted for importation into Norway. Price with full information. Address Chr. Lonning, Arendalsgt. 16 Kristiania, Norway.

QUOTE on 15 to 20 tons heavy fuel oil of "Mazout" quality, C. I. F. Jaffa. Address Kyriacopoulou & Gelat, Jaffa, Palestine.

WANTED—Amyl Acetate, synthetic, for export. Material must not be derived from fusel oil, but strictly synthetic. Write to Box 172, DRUG & CHEMICAL MARKETS.

FOR SALE—600 pounds Boracic Acid in 5 lb. card-board cartons. What offers? Box 175, DRUG AND CHEMICAL MARKETS.

WE CAN SUPPLY VITAMIN CONCENTRATES in bulk; in powder, paste or liquid forms. These concentrates, which are suitable for use in pharmaceutical preparations, have a guaranteed vitamin potency in the A. B. & C factors. They are also rich in natural organic, mineral salts including phosphates, calcium, iodine, etc. Our laboratory facilities are available for assistance in formulating. Data and prices upon application. **VITAMIN RESEARCH LABORATORIES**, Westfield, Mass.

FOR EXPORT TO U. S. A.—Senna leaves and pods, Henna leaves, Cuscus root, Euphorbia Pilifera, etc., of superior quality at reasonable prices. References—National Bank of India or Imperial Indian Bank. Codes A B C 5th Edition and Bentley's. Cable to "Rodriguez Tunicorin". Mail to A. S. T. F. Rodriguez & Co., Tunicorin, South India.

SODIUM CYANIDE—Twenty tons of sodium cyanide, 99% pure, offered in tin lined cases of 100 kilos for immediate shipment from Marseilles. Price for all or none, 7 francs per kilo f.o.b. New York, against letter of credit. French Government guarantee and certificate of analysis from official laboratories. For further particulars and sample, write to Box 160 DRUG & CHEMICAL MARKETS.

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FOR SALE—Imported Epsom Salts in kegs up to 2,000 pounds. Price right to move quickly. Box 178, DRUG AND CHEMICAL MARKETS.

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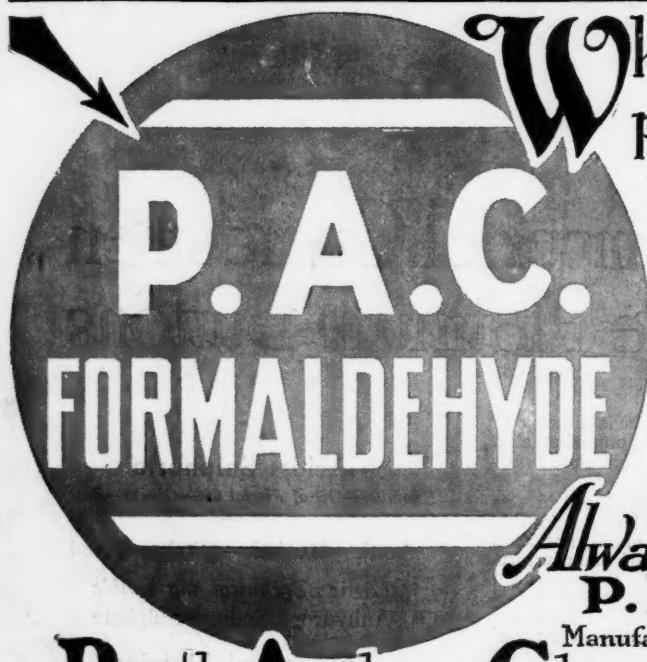
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